

**FIELD DESIGNATION**

1079 2008-01-01                      FAIRVIEW FIELD

**POOL DESIGNATION**

1079 326001 2010-02-01            GETHING A  
1079 326002 2007-07-01            GETHING B  
1079 326003 2008-01-01            GETHING C

1079 508001 2010-02-01            CHARLIE LAKE A  
1079 508002 2008-01-01            CHARLIE LAKE B

**FIELD DESIGNATION**

0367 2014-03-01 FAIRYDELL-BON ACCORD FIELD

**POOL DESIGNATION**

0367 126001 2001-02-01 BELLY RIVER A

0367 216002 2001-02-01 UPPER VIKING B

0367 216003 2001-02-01 UPPER VIKING C

0367 216005 2005-04-01 UPPER VIKING E

0367 216006 2006-09-01 UPPER VIKING F

0367 216007 2007-09-01 UPPER VIKING G

0367 221001 2010-04-01 MIDDLE VIKING A

0367 221002 2004-05-01 MIDDLE VIKING B

0367 221003 2001-02-01 MIDDLE VIKING C

0367 221004 2004-05-01 MIDDLE VIKING D

0367 224001 2007-05-01 LOWER VIKING A

0367 224002 2004-05-01 LOWER VIKING B

0367 250001 2001-02-01 UPPER MANNVILLE A

0367 250002 2001-02-01 UPPER MANNVILLE B

0367 250003 2001-02-01 UPPER MANNVILLE C

0367 250004 2001-02-01 UPPER MANNVILLE D

0367 250005 2001-02-01 UPPER MANNVILLE E

0367 250006 2002-04-01 UPPER MANNVILLE F

0367 250007 2003-02-01 UPPER MANNVILLE G

0367 250008 2004-04-01 UPPER MANNVILLE H

0367 250009 2004-04-01 UPPER MANNVILLE I

0367 250010 2005-08-01 UPPER MANNVILLE J

0367 250011 2006-04-01 UPPER MANNVILLE K

0367 250012 2010-04-01 UPPER MANNVILLE L

0367 250013 2008-05-01 UPPER MANNVILLE M

0367 250014 2008-05-01 UPPER MANNVILLE N

0367 300001 2001-02-01 GLAUCONITIC A

**POOL DESIGNATION (cont'd)**

0367 320001	2010-04-01	BASAL MANNVILLE A
0367 320002	2003-02-01	BASAL MANNVILLE B
0367 320003	2001-02-01	BASAL MANNVILLE C
0367 320004	2001-02-01	BASAL MANNVILLE D
0367 320005	2001-02-01	BASAL MANNVILLE E
0367 320006	2001-02-01	BASAL MANNVILLE F
0367 320007	2001-02-01	BASAL MANNVILLE G
0367 320008	2010-04-01	BASAL MANNVILLE H
0367 320009	2010-04-01	BASAL MANNVILLE I
0367 320010	2001-02-01	BASAL MANNVILLE J
0367 320011	2001-02-01	BASAL MANNVILLE K
0367 320012	2004-08-01	BASAL MANNVILLE L
0367 320013	2001-02-01	BASAL MANNVILLE M
0367 320014	2001-02-01	BASAL MANNVILLE N
0367 320015	2001-02-01	BASAL MANNVILLE O
0367 320016	2001-02-01	BASAL MANNVILLE P
0367 320017	2001-02-01	BASAL MANNVILLE Q
0367 320018	2001-02-01	BASAL MANNVILLE R
0367 320019	2001-02-01	BASAL MANNVILLE S
0367 320020	2001-02-01	BASAL MANNVILLE T
0367 320021	2007-09-01	BASAL MANNVILLE U
0367 320022	2002-11-01	BASAL MANNVILLE V
0367 320023	2003-02-01	BASAL MANNVILLE W
0367 320024	2003-08-01	BASAL MANNVILLE X
0367 320025	2003-02-01	BASAL MANNVILLE Y
0367 320026	2003-08-01	BASAL MANNVILLE Z
0367 320027	2003-11-01	BASAL MANNVILLE AA
0367 320028	2003-11-01	BASAL MANNVILLE BB
0367 320029	2013-11-01	BASAL MANNVILLE CC
0367 320030	2006-01-01	BASAL MANNVILLE DD
0367 320031	2006-03-01	BASAL MANNVILLE EE
0367 320032	2007-08-01	BASAL MANNVILLE FF
0367 320033	2007-08-01	BASAL MANNVILLE GG
0367 320034	2008-03-01	BASAL MANNVILLE HH
0367 696001	2001-09-01	D-2 A
0367 696002	2010-05-01	D-2 B
0367 696003	2001-03-01	D-2 C

**POOL DESIGNATION (cont'd)**

0367 720001 2001-02-01 D-3 A  
0367 720002 2001-02-01 D-3 B  
0367 720003 2002-02-01 D-3 C  
  
0367 851400 2012-02-01 MFP8514 UPPER VIKING

**SPACING PATTERN**

SU 2351 18 Jun 1992  
SU 2351A 6 Feb 2006

**COMMINGLED PRODUCTION**

MU 7002 8 Sep 2008

**EXEMPTION FROM GAS  
MEASUREMENT**

GE 15 28 May 1970  
GE 15A 28 Sep 1972  
D-2 B

GE 16 28 May 1970  
GE 16A 28 Sep 1972  
D-3 A

**SUBSURFACE DISPOSAL SCHEMES**

App 1983A 17 Jul 2014  
Class II  
Coastal Resources Limited

App 7625A 2 Jan 2013  
Class II  
Primrose Drilling Ventures Ltd.

**FIELD DESIGNATION**

1080 2009-01-01 FAITH FIELD

**POOL DESIGNATION**

1080 186001 2003-08-01 SECOND WHITE SPECKS A

1080 186002 2004-05-01 SECOND WHITE SPECKS B

1080 202001 2005-11-01 FISH SCALE A

1080 202002 2006-06-01 FISH SCALE B

1080 204001 2010-04-01 BARONS A

1080 204002 2004-05-01 BARONS B

1080 204003 2008-05-01 BARONS C

1080 204004 2008-05-01 BARONS D

1080 204005 2009-08-01 BARONS E

1080 204006 2014-04-01 BARONS F

1080 332001 2009-01-01 SUNBURST A

**FIELD DESIGNATION**

0370 2008-03-01 FARMINGTON FIELD

**POOL DESIGNATION**

0370 508001 2001-02-01 CHARLIE LAKE A

0370 510001 2003-07-01 BOUNDARY A

0370 516001 2008-03-01 HALFWAY A

0370 520001 2003-05-01 DOIG A

0370 524001 2008-03-01 MONTNEY A

0370 524002 2010-04-01 MONTNEY B

0370 524003 2012-07-01 MONTNEY C

0370 606001 2001-02-01 KISKATINAW A

0370 606002 2001-02-01 KISKATINAW B

0370 606003 2001-02-01 KISKATINAW C

0370 606004 2001-03-01 KISKATINAW D

0370 606005 2001-12-01 KISKATINAW E

0370 606006 2010-04-01 KISKATINAW F

0370 606007 2012-12-01 KISKATINAW G

**SPACING PATTERN**

SU 2757 9 May 1996

**COMMINGLED PRODUCTION**

MU 6837 23 Apr 2008

**FIELD DESIGNATION**

0368 2010-07-01 FARRELL FIELD

**POOL DESIGNATION**

0368 106003 2002-07-01 EDMONTON C

0368 118801 2006-11-01 LOWER EDMONTON A

0368 118802 2010-07-01 LOWER EDMONTON B

0368 218001 2001-02-01 VIKING A

0368 218002 2001-02-01 VIKING B

0368 218003 2001-02-01 VIKING C

0368 218004 2010-07-01 VIKING D

0368 250001 2010-07-01 UPPER MANNVILLE A

0368 300002 2001-02-01 GLAUCONITIC B

0368 310001 2001-02-01 LOWER MANNVILLE A

0368 310002 2001-12-01 LOWER MANNVILLE B

0368 644001 2008-11-01 BANFF A

**SPACING PATTERN**

SU 4281 16 Apr 2005

**FIELD DESIGNATION**

0373 2010-09-01 FENN WEST FIELD

**POOL DESIGNATION**

0373 118801 2006-11-01 LOWER EDMONTON A  
0373 118802 2010-10-01 LOWER EDMONTON B  
0373 118803 2011-03-01 LOWER EDMONTON C  
0373 118804 2013-04-01 LOWER EDMONTON D

0373 126003 2013-06-01 BELLY RIVER C  
0373 126004 2013-04-01 BELLY RIVER D

0373 134001 2005-06-01 BASAL BELLY RIVER A  
0373 134005 2013-10-01 BASAL BELLY RIVER E  
0373 134007 2011-02-01 BASAL BELLY RIVER G

0373 250001 2001-02-01 UPPER MANNVILLE A  
0373 250002 2008-05-01 UPPER MANNVILLE B  
0373 250003 2013-06-01 UPPER MANNVILLE C  
0373 250004 2015-06-01 UPPER MANNVILLE D

0373 300002 2008-05-01 GLAUCONITIC B  
0373 300003 2005-06-01 GLAUCONITIC C  
0373 300004 2001-02-01 GLAUCONITIC D  
0373 300005 2001-02-01 GLAUCONITIC E  
0373 300006 2001-02-01 GLAUCONITIC F  
0373 300007 2001-02-01 GLAUCONITIC G  
0373 300008 2012-06-01 GLAUCONITIC H  
0373 300009 2001-02-01 GLAUCONITIC I  
0373 300010 2001-02-01 GLAUCONITIC J  
0373 300011 2001-02-01 GLAUCONITIC K  
0373 300012 2001-12-01 GLAUCONITIC L  
0373 300013 2003-05-01 GLAUCONITIC M  
0373 300014 2004-08-01 GLAUCONITIC N  
0373 300015 2004-08-01 GLAUCONITIC O  
0373 300016 2007-09-01 GLAUCONITIC P



**POOL DESIGNATION (cont'd)**

0373 300017 2012-04-01	GLAUCONITIC Q
0373 336001 2001-03-01	ELLERSLIE A
0373 336002 2012-12-01	ELLERSLIE B
0373 350003 2001-02-01	DETRITAL C
0373 350004 2002-01-01	DETRITAL D
0373 350005 2010-05-01	DETRITAL E
0373 644001 2001-02-01	BANFF A
0373 696001 2010-04-01	D-2 A
0373 696003 2010-04-01	D-2 C
0373 696004 2001-02-01	D-2 D
0373 696005 2001-02-01	D-2 E
0373 696007 2010-04-01	D-2 G
0373 696008 2008-11-01	D-2 H
0373 696009 2001-02-01	D-2 I
0373 720001 2004-08-01	D-3 A
0373 720002 2001-02-01	D-3 B
0373 720003 2001-02-01	D-3 C
0373 720004 2001-02-01	D-3 D
0373 720005 2001-02-01	D-3 E
0373 720006 2001-02-01	D-3 F
0373 720007 2001-02-01	D-3 G
0373 720008 2001-02-01	D-3 H
0373 850600 2011-03-01	MFP8506 BELLY RIVER
0373 851600 2010-09-01	MFP8516 VIKING
0373 853500 2011-02-01	MFP8535 BSL BELLY RIV

**SPACING PATTERN**

SU 2353 26 Oct 1995  
SU 2353A 3 Jun 1997  
SU 2353B 22 Mar 2004  
SU 2353C 7 Apr 2004  
SU 2353D 16 Jul 2004  
SU 2353E 27 Sep 2004  
SU 2353F 10 Dec 2004  
SU 2353G 11 Aug 2005  
SU 2353H 11 Jan 2006  
SU 2353I 24 Feb 2006  
SU 2353J 12 Jun 2006

**COMMINGLED PRODUCTION**

MU 8345 13 Jun 2012

**ENHANCED RECOVERY SCHEMES**

App 8183D 21 Nov 2014  
Waterflood  
D-2 G  
Terra Energy Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 5159C 10 Apr 2012  
Class II  
Bears paw Petroleum Ltd.

**COMPULSORY POOLING**

P 427 6 Jan 2012  
Gas  
30-036-20W4  
Bears paw Petroleum Ltd.

**FIELD DESIGNATION**

0371 2014-03-01 FENN-BIG VALLEY FIELD

**POOL DESIGNATION**

0371 106009 2006-10-01 EDMONTON I  
0371 106019 2006-09-01 EDMONTON S  
0371 106021 2013-12-01 EDMONTON U

0371 118801 2006-11-01 LOWER EDMONTON A  
0371 118802 2010-12-01 LOWER EDMONTON B  
0371 118803 2014-06-01 LOWER EDMONTON C  
0371 118806 2011-02-01 LOWER EDMONTON F  
0371 118809 2011-02-01 LOWER EDMONTON I  
0371 118810 2006-11-01 LOWER EDMONTON J  
0371 118811 2006-11-01 LOWER EDMONTON K  
0371 118812 2013-03-01 LOWER EDMONTON L  
0371 118813 2006-11-01 LOWER EDMONTON M  
0371 118814 2006-11-01 LOWER EDMONTON N  
0371 118815 2007-12-01 LOWER EDMONTON O  
0371 118817 2016-09-01 LOWER EDMONTON Q  
0371 118821 2008-11-01 LOWER EDMONTON U  
0371 118826 2011-01-01 LOWER EDMONTON Z  
0371 118827 2011-03-01 LOWER EDMONTON AA  
0371 118828 2013-11-01 LOWER EDMONTON BB  
0371 118829 2013-04-01 LOWER EDMONTON CC  
0371 118830 2014-06-01 LOWER EDMONTON DD

0371 126035 2001-02-01 BELLY RIVER II

0371 134010 2005-06-01 BASAL BELLY RIVER J  
0371 134026 2012-04-01 BASAL BELLY RIVER Z

0371 218003 2001-02-01 VIKING C  
0371 218004 2001-02-01 VIKING D  
0371 218005 2001-02-01 VIKING E  
0371 218006 2001-02-01 VIKING F

**POOL DESIGNATION (cont'd)**

0371 218007 2001-02-01	VIKING G
0371 218008 2001-02-01	VIKING H
0371 218009 2010-06-01	VIKING I
0371 218010 2010-04-01	VIKING J
0371 218011 2009-12-01	VIKING K
0371 218012 2013-10-01	VIKING L
0371 244001 2001-02-01	BLAIRMORE A
0371 244002 2001-02-01	BLAIRMORE B
0371 250001 2002-04-01	UPPER MANNVILLE A
0371 250003 2001-02-01	UPPER MANNVILLE C
0371 250004 2001-02-01	UPPER MANNVILLE D
0371 250005 2001-02-01	UPPER MANNVILLE E
0371 250006 2001-02-01	UPPER MANNVILLE F
0371 250007 2001-02-01	UPPER MANNVILLE G
0371 250008 2001-02-01	UPPER MANNVILLE H
0371 250009 2001-02-01	UPPER MANNVILLE I
0371 250010 2001-02-01	UPPER MANNVILLE J
0371 250011 2010-04-01	UPPER MANNVILLE K
0371 250013 2002-06-01	UPPER MANNVILLE M
0371 250014 2006-08-01	UPPER MANNVILLE N
0371 250016 2001-02-01	UPPER MANNVILLE P
0371 250017 2001-02-01	UPPER MANNVILLE Q
0371 250018 2001-02-01	UPPER MANNVILLE R
0371 250019 2001-02-01	UPPER MANNVILLE S
0371 250020 2002-06-01	UPPER MANNVILLE T
0371 250021 2001-02-01	UPPER MANNVILLE U
0371 250025 2001-02-01	UPPER MANNVILLE Y
0371 250026 2001-02-01	UPPER MANNVILLE Z
0371 250027 2001-02-01	UPPER MANNVILLE AA
0371 250028 2006-07-01	UPPER MANNVILLE BB
0371 250029 2003-03-01	UPPER MANNVILLE CC
0371 250030 2001-09-01	UPPER MANNVILLE DD
0371 250031 2001-08-01	UPPER MANNVILLE EE
0371 250032 2010-04-01	UPPER MANNVILLE FF
0371 250033 2005-09-01	UPPER MANNVILLE GG
0371 250034 2003-10-01	UPPER MANNVILLE HH

**POOL DESIGNATION (cont'd)**

0371 250035 2003-12-01	UPPER MANNVILLE II
0371 250036 2006-08-01	UPPER MANNVILLE JJ
0371 250037 2007-02-01	UPPER MANNVILLE KK
0371 250038 2007-07-01	UPPER MANNVILLE LL
0371 250039 2007-07-01	UPPER MANNVILLE MM
0371 250040 2007-07-01	UPPER MANNVILLE NN
0371 250041 2008-10-01	UPPER MANNVILLE OO
0371 250042 2010-04-01	UPPER MANNVILLE PP
0371 250043 2009-12-01	UPPER MANNVILLE QQ
0371 310001 2001-02-01	LOWER MANNVILLE A
0371 310002 2001-02-01	LOWER MANNVILLE B
0371 310003 2001-02-01	LOWER MANNVILLE C
0371 644001 2001-02-01	BANFF A
0371 658001 2006-11-01	D-1 A
0371 696001 2010-04-01	D-2 A
0371 696002 2001-02-01	D-2 B
0371 696003 2008-03-01	D-2 C
0371 696004 2010-04-01	D-2 D
0371 696005 2010-04-01	D-2 E
0371 720001 2010-04-01	D-3 A
0371 720002 2010-05-01	D-3 B
0371 720003 2010-04-01	D-3 C
0371 720004 2010-04-01	D-3 D
0371 720005 2010-04-01	D-3 E
0371 720006 2001-02-01	D-3 F
0371 720007 2012-05-01	D-3 G
0371 720008 2012-05-01	D-3 H
0371 720009 2001-02-01	D-3 I
0371 850600 2011-02-01	MFP8506 BELLY RIVER
0371 851600 2010-04-01	MFP8516 VIKING

**POOL DESIGNATION (cont'd)**

0371 853500 2017-04-01 MFP8535 BSL BELLY RIV

0371 853900 2013-07-01 MFP8539 LWR EDMONTON

**SPACING PATTERN**

SU 4079 20 May 2003  
 SU 4079A 6 Aug 2003  
 SU 4079B 22 Mar 2004  
 SU 4079C 12 May 2004  
 SU 4079D 27 Sep 2004  
 SU 4079E 13 Dec 2004  
 SU 4079F 11 Jan 2005  
 SU 4079G 16 Apr 2005  
 SU 4079H 7 May 2005  
 SU 4079I 4 Jul 2005  
 SU 4079J 11 Jan 2006  
 SU 4079K 24 Feb 2006  
 SU 4079L 10 Apr 2006  
 SU 4079M 11 May 2006  
 SU 4079N 24 Sep 2007

**COMMINGLED PRODUCTION**

MU 8275 4 Jan 2012

**EXEMPTION FROM GAS  
MEASUREMENT**

GE 7 1 Dec 1964  
 GE 7A 1 Dec 1966  
 GE 7B 1 Mar 1967  
 GE 7C 1 Nov 1967  
 GE 7D 9 Jan 1969  
 GE 7E 2 Oct 1972  
 GE 7F 5 Dec 1973  
 Big Valley D-3 A

**ENHANCED RECOVERY SCHEMES**

App 11297B 12 Feb 2015  
 Waterflood  
 D-2A  
 Pengrowth Energy Corporation

**SUBSURFACE DISPOSAL SCHEMES**

App 6287A 9 Sep 2011  
 Class II  
 Crescent Point Energy Corp.

App 6731H 2 Aug 2017  
 Class II & Ib  
 Tervita Corporation

App 6770 5 Mar 1992

App 6770A 22 Nov 1994

App 6770B 26 Sep 1995

App 6770C 16 Apr 1997

App 6770D 26 Sep 1997  
 Water disposal  
 Bears paw Petroleum Ltd.

App 11031B 22 Jan 2013  
 Class II  
 Pengrowth Corporation

**COMPULSORY POOLING**

P 79            3 Jul 1986  
Oil  
10-026-35-20W4  
Placer Development Limited

P 99            17 Jan 1991  
Gas  
14-035-20W4M  
Gulf Canada Resources Ltd.

P 100          17 Jan 1991  
Gas  
27-035-20W4M  
Gulf Canada Resources Ltd.

P 101          17 Jan 1991  
Gas  
10-036-20W4M  
Gulf Canada Resources Ltd.

P 102          17 Jan 1991  
Gas  
15-036-20W4M  
Gulf Canada Resources Ltd.

P 103          17 Jan 1991  
Gas  
24-036-20W4M  
Gulf Canada Resources Ltd.

P 104          17 Jan 1991  
Gas  
27-036-20W4M  
Gulf Canada Resources Ltd.

**COMPULSORY POOLING (cont'd)**

P 129          14 Sep 1995  
Gas  
01-036-20W4M  
Gulf Canada Resources Ltd.

**FIELD DESIGNATION**

0331 2013-09-01                      FERGUSON FIELD

**POOL DESIGNATION**

0331 204001 2014-01-01          BARONS A

0331 218001 2014-05-01          VIKING A

0331 310001 2013-02-01          LOWER MANNVILLE A

0331 310002 2011-01-01          LOWER MANNVILLE B

0331 310003 2011-03-01          LOWER MANNVILLE C

0331 310006 2012-11-01          LOWER MANNVILLE F

0331 649002 2015-11-01          LWR BANFF-EXSHAW-BV B

**SPACING PATTERN**

SU 2356            15 Nov 1995

**ENHANCED RECOVERY SCHEMES**

App 12032B    9 Aug 2017

Waterflood

Lower Mannville A

Granite Oil Corp.

App 12047O    28 Nov 2017

Miscible - Acid Gas and Water

Lower Banff Exshaw Big Valley B

Granite Oil Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 12143B    1 Sep 2015

Class II

Granite Oil Corp.



**FIELD DESIGNATION**

0376 2015-11-01 FERINTOSH FIELD

**POOL DESIGNATION**

0376 118803 2012-12-01 LOWER EDMONTON C  
0376 118804 2013-04-01 LOWER EDMONTON D

0376 126009 2001-08-01 BELLY RIVER I  
0376 126021 2014-01-01 BELLY RIVER U

0376 134003 2010-03-01 BASAL BELLY RIVER C  
0376 134023 2009-03-01 BASAL BELLY RIVER W

0376 218001 2005-05-01 VIKING A

0376 250001 2001-02-01 UPPER MANNVILLE A  
0376 250002 2001-02-01 UPPER MANNVILLE B  
0376 250003 2001-02-01 UPPER MANNVILLE C  
0376 250007 2008-03-01 UPPER MANNVILLE G  
0376 250008 2009-01-01 UPPER MANNVILLE H  
0376 250009 2012-06-01 UPPER MANNVILLE I  
0376 250010 2017-11-01 UPPER MANNVILLE J  
0376 250012 2015-11-01 UPPER MANNVILLE L

0376 336002 2001-02-01 ELLERSLIE B  
0376 336003 2001-02-01 ELLERSLIE C  
0376 336005 2001-02-01 ELLERSLIE E  
0376 336006 2010-04-01 ELLERSLIE F  
0376 336007 2010-04-01 ELLERSLIE G  
0376 336008 2001-02-01 ELLERSLIE H  
0376 336009 2010-04-01 ELLERSLIE I  
0376 336010 2001-02-01 ELLERSLIE J  
0376 336011 2001-02-01 ELLERSLIE K  
0376 336012 2001-02-01 ELLERSLIE L  
0376 336013 2001-02-01 ELLERSLIE M  
0376 336014 2001-02-01 ELLERSLIE N

**POOL DESIGNATION (cont'd)**

0376 336016 2001-02-01 ELLERSLIE P  
0376 336017 2001-02-01 ELLERSLIE Q  
0376 336018 2001-02-01 ELLERSLIE R  
0376 336019 2001-03-01 ELLERSLIE S  
0376 336028 2007-07-01 ELLERSLIE BB  
  
0376 850900 2011-05-01 MFP8509 BELLY RIVER

**SPACING PATTERN**

SU 4259 4 Jan 2005  
SU 4259A 23 Feb 2005  
SU 4259B 12 Apr 2005  
SU 4259C 19 May 2005  
SU 4259D 20 Sep 2005  
SU 4259E 14 Oct 2005  
SU 4259F 3 Feb 2006  
SU 4259G 27 Feb 2006

**COMPULSORY POOLING**

P 299 10 May 2006  
P 299A 30 May 2007  
P 299B 24 Sep 2007  
P 299C 24 Jul 2012  
Gas  
19-044-20W4M  
Shackleton Exploration Ltd.

**COMMINGLED PRODUCTION**

MU 8422 13 Aug 2012

**SUBSURFACE DISPOSAL SCHEMES**

App 2824 30 Mar 1979  
Class II  
Rife Resources Ltd.

App 8687A 28 Apr 2015  
Class II  
Shackleton Exploration Ltd.

**FIELD DESIGNATION**

0377 2016-05-01                      FERRIER FIELD

**POOL DESIGNATION**

0377 106002 2010-04-01            EDMONTON B  
0377 106003 2008-12-01            EDMONTON C

0377 126006 2001-02-01            BELLY RIVER F  
0377 126010 2001-05-01            BELLY RIVER J  
0377 126015 2001-02-01            BELLY RIVER O  
0377 126016 2001-02-01            BELLY RIVER P  
0377 126017 2001-07-01            BELLY RIVER Q  
0377 126018 2003-05-01            BELLY RIVER R  
0377 126019 2003-09-01            BELLY RIVER S  
0377 126020 2003-11-01            BELLY RIVER T  
0377 126021 2003-11-01            BELLY RIVER U  
0377 126022 2004-05-01            BELLY RIVER V  
0377 126023 2010-04-01            BELLY RIVER W  
0377 126024 2011-03-01            BELLY RIVER X  
0377 126025 2006-04-01            BELLY RIVER Y  
0377 126026 2006-12-01            BELLY RIVER Z  
0377 126027 2006-12-01            BELLY RIVER AA  
0377 126028 2006-12-01            BELLY RIVER BB  
0377 126029 2007-07-01            BELLY RIVER CC  
0377 126030 2007-07-01            BELLY RIVER DD  
0377 126031 2007-09-01            BELLY RIVER EE  
0377 126032 2008-05-01            BELLY RIVER FF  
0377 126033 2008-10-01            BELLY RIVER GG  
0377 126034 2008-10-01            BELLY RIVER HH  
0377 126035 2010-08-01            BELLY RIVER II  
0377 126036 2014-04-01            BELLY RIVER JJ  
0377 126037 2013-12-01            BELLY RIVER KK  
0377 126038 2013-12-01            BELLY RIVER LL  
0377 126039 2015-11-01            BELLY RIVER MM  
0377 126040 2015-11-01            BELLY RIVER NN  
0377 126041 2016-05-01            BELLY RIVER OO

**POOL DESIGNATION (cont'd)**

0377 134001 2013-02-01	BASAL BELLY RIVER A
0377 134002 2005-05-01	BASAL BELLY RIVER B
0377 134003 2005-05-01	BASAL BELLY RIVER C
0377 134004 2005-05-01	BASAL BELLY RIVER D
0377 134005 2005-05-01	BASAL BELLY RIVER E
0377 134006 2005-05-01	BASAL BELLY RIVER F
0377 134007 2005-05-01	BASAL BELLY RIVER G
0377 134008 2005-05-01	BASAL BELLY RIVER H
0377 134009 2010-04-01	BASAL BELLY RIVER I
0377 134010 2006-02-01	BASAL BELLY RIVER J
0377 134011 2011-05-01	BASAL BELLY RIVER K
0377 134012 2012-05-01	BASAL BELLY RIVER L
0377 134013 2013-12-01	BASAL BELLY RIVER M
0377 134014 2013-12-01	BASAL BELLY RIVER N
0377 134015 2013-12-01	BASAL BELLY RIVER O
0377 134016 2013-12-01	BASAL BELLY RIVER P
0377 134017 2013-12-01	BASAL BELLY RIVER Q
0377 134018 2014-04-01	BASAL BELLY RIVER R
0377 176002 2010-04-01	CARDIUM B
0377 176003 2010-04-01	CARDIUM C
0377 176007 2016-01-01	CARDIUM G
0377 176012 2010-04-01	CARDIUM L
0377 176014 2010-04-01	CARDIUM N
0377 176017 2010-04-01	CARDIUM Q
0377 176018 2010-04-01	CARDIUM R
0377 176021 2010-08-01	CARDIUM U
0377 176023 2001-02-01	CARDIUM W
0377 176024 2010-04-01	CARDIUM X
0377 176025 2001-02-01	CARDIUM Y
0377 176026 2010-04-01	CARDIUM Z
0377 176028 2001-02-01	CARDIUM BB
0377 176032 2006-07-01	CARDIUM FF
0377 176035 2001-02-01	CARDIUM II
0377 176036 2001-02-01	CARDIUM JJ
0377 176037 2001-02-01	CARDIUM KK
0377 176039 2012-06-01	CARDIUM MM
0377 176040 2017-10-01	CARDIUM NN

**POOL DESIGNATION (cont'd)**

0377 176041 2001-02-01	CARDIUM OO
0377 176042 2001-02-01	CARDIUM PP
0377 176043 2010-04-01	CARDIUM QQ
0377 176044 2010-04-01	CARDIUM RR
0377 176045 2001-02-01	CARDIUM SS
0377 176046 2001-02-01	CARDIUM TT
0377 176047 2001-02-01	CARDIUM UU
0377 176048 2017-09-01	CARDIUM VV
0377 176049 2001-02-01	CARDIUM WW
0377 176050 2001-02-01	CARDIUM XX
0377 176051 2001-02-01	CARDIUM YY
0377 176052 2001-02-01	CARDIUM ZZ
0377 176301 2010-04-01	CARDIUM AAA
0377 176303 2010-04-01	CARDIUM CCC
0377 176304 2001-05-01	CARDIUM DDD
0377 176305 2003-06-01	CARDIUM EEE
0377 176306 2001-03-01	CARDIUM FFF
0377 176308 2001-07-01	CARDIUM HHH
0377 176310 2010-04-01	CARDIUM JJJ
0377 176313 2008-07-01	CARDIUM MMM
0377 176314 2004-08-01	CARDIUM NNN
0377 176315 2010-04-01	CARDIUM OOO
0377 176316 2010-04-01	CARDIUM PPP
0377 176317 2010-04-01	CARDIUM QQQ
0377 176318 2012-10-01	CARDIUM RRR
0377 176319 2005-06-01	CARDIUM SSS
0377 176320 2005-07-01	CARDIUM TTT
0377 176321 2010-04-01	CARDIUM UUU
0377 176322 2008-07-01	CARDIUM VVV
0377 176323 2006-05-01	CARDIUM WWW
0377 176324 2010-04-01	CARDIUM XXX
0377 176325 2010-08-01	CARDIUM YYY
0377 176326 2010-04-01	CARDIUM ZZZ
0377 176327 2010-04-01	CARDIUM A2A
0377 176328 2006-12-01	CARDIUM B2B
0377 176332 2007-07-01	CARDIUM F2F
0377 176333 2012-03-01	CARDIUM G2G
0377 176334 2007-09-01	CARDIUM H2H

**POOL DESIGNATION (cont'd)**

0377 176335 2007-12-01	CARDIUM I2I
0377 176338 2008-07-01	CARDIUM L2L
0377 176339 2010-04-01	CARDIUM M2M
0377 176340 2008-10-01	CARDIUM N2N
0377 176341 2008-10-01	CARDIUM O2O
0377 176342 2008-10-01	CARDIUM P2P
0377 176343 2010-04-01	CARDIUM Q2Q
0377 176345 2010-10-01	CARDIUM S2S
0377 176347 2011-09-01	CARDIUM U2U
0377 176348 2011-09-01	CARDIUM V2V
0377 176349 2012-12-01	CARDIUM W2W
0377 176352 2012-06-01	CARDIUM Z2Z
0377 180101 2012-06-01	CARDIUM A3A
0377 180103 2012-11-01	CARDIUM C3C
0377 180104 2013-03-01	CARDIUM D3D
0377 180105 2017-11-01	CARDIUM E3E
0377 180106 2013-04-01	CARDIUM F3F
0377 180107 2013-08-01	CARDIUM G3G
0377 180108 2014-02-01	CARDIUM H3H
0377 180110 2014-04-01	CARDIUM J3J
0377 180111 2014-04-01	CARDIUM K3K
0377 180112 2014-04-01	CARDIUM L3L
0377 180113 2014-04-01	CARDIUM M3M
0377 180114 2014-04-01	CARDIUM N3N
0377 180115 2014-04-01	CARDIUM O3O
0377 180116 2014-04-01	CARDIUM P3P
0377 180117 2014-04-01	CARDIUM Q3Q
0377 180118 2017-09-01	CARDIUM R3R
0377 180119 2014-04-01	CARDIUM S3S
0377 180121 2014-04-01	CARDIUM U3U
0377 180123 2017-10-01	CARDIUM W3W
0377 186001 2005-06-01	SECOND WHITE SPECKS A
0377 186002 2001-02-01	SECOND WHITE SPECKS B
0377 186003 2001-02-01	SECOND WHITE SPECKS C
0377 186004 2001-07-01	SECOND WHITE SPECKS D
0377 186005 2002-12-01	SECOND WHITE SPECKS E
0377 186006 2007-02-01	SECOND WHITE SPECKS F

**POOL DESIGNATION (cont'd)**

0377 186007 2013-11-01	SECOND WHITE SPECKS G
0377 186008 2014-05-01	SECOND WHITE SPECKS H
0377 186009 2017-07-01	SECOND WHITE SPECKS I
0377 202001 2005-01-01	FISH SCALE A
0377 218001 2010-04-01	VIKING A
0377 218003 2001-02-01	VIKING C
0377 218004 2001-02-01	VIKING D
0377 218005 2001-02-01	VIKING E
0377 218006 2001-02-01	VIKING F
0377 218007 2010-04-01	VIKING G
0377 218008 2001-02-01	VIKING H
0377 218009 2001-02-01	VIKING I
0377 218010 2001-02-01	VIKING J
0377 218011 2001-02-01	VIKING K
0377 218012 2001-02-01	VIKING L
0377 218013 2010-01-01	VIKING M
0377 218014 2001-02-01	VIKING N
0377 218015 2010-04-01	VIKING O
0377 218016 2001-05-01	VIKING P
0377 218017 2001-03-01	VIKING Q
0377 218019 2016-02-01	VIKING S
0377 218022 2003-08-01	VIKING V
0377 218023 2004-08-01	VIKING W
0377 218024 2008-02-01	VIKING X
0377 218025 2005-03-01	VIKING Y
0377 218026 2011-03-01	VIKING Z
0377 218027 2010-04-01	VIKING AA
0377 218028 2010-04-01	VIKING BB
0377 218029 2009-10-01	VIKING CC
0377 218030 2007-03-01	VIKING DD
0377 218031 2008-01-01	VIKING EE
0377 218035 2010-04-01	VIKING II
0377 218036 2011-04-01	VIKING JJ
0377 218037 2010-08-01	VIKING KK
0377 218038 2010-09-01	VIKING LL
0377 218039 2014-06-01	VIKING MM

**POOL DESIGNATION (cont'd)**

0377 218040 2014-04-01	VIKING NN
0377 218041 2014-04-01	VIKING OO
0377 218042 2014-04-01	VIKING PP
0377 218043 2014-04-01	VIKING QQ
0377 218044 2014-04-01	VIKING RR
0377 218045 2014-04-01	VIKING SS
0377 218046 2014-04-01	VIKING TT
0377 218047 2014-04-01	VIKING UU
0377 250001 2001-02-01	UPPER MANNVILLE A
0377 250002 2010-04-01	UPPER MANNVILLE B
0377 250003 2016-04-01	UPPER MANNVILLE C
0377 250006 2010-09-01	UPPER MANNVILLE F
0377 250007 2005-02-01	UPPER MANNVILLE G
0377 250009 2016-04-01	UPPER MANNVILLE I
0377 250010 2006-06-01	UPPER MANNVILLE J
0377 250011 2010-04-01	UPPER MANNVILLE K
0377 250012 2010-04-01	UPPER MANNVILLE L
0377 250013 2011-08-01	UPPER MANNVILLE M
0377 250014 2006-12-01	UPPER MANNVILLE N
0377 250018 2010-04-01	UPPER MANNVILLE R
0377 250021 2007-01-01	UPPER MANNVILLE U
0377 250023 2007-07-01	UPPER MANNVILLE W
0377 250024 2010-04-01	UPPER MANNVILLE X
0377 250025 2010-04-01	UPPER MANNVILLE Y
0377 250033 2010-04-01	UPPER MANNVILLE GG
0377 250034 2010-09-01	UPPER MANNVILLE HH
0377 250035 2010-12-01	UPPER MANNVILLE II
0377 250036 2011-01-01	UPPER MANNVILLE JJ
0377 250038 2011-08-01	UPPER MANNVILLE LL
0377 250041 2011-09-01	UPPER MANNVILLE OO
0377 250042 2011-12-01	UPPER MANNVILLE PP
0377 250044 2013-04-01	UPPER MANNVILLE RR
0377 250045 2013-08-01	UPPER MANNVILLE SS
0377 250046 2013-08-01	UPPER MANNVILLE TT
0377 250047 2015-10-01	UPPER MANNVILLE UU
0377 250048 2013-12-01	UPPER MANNVILLE VV
0377 250052 2014-04-01	UPPER MANNVILLE ZZ



**POOL DESIGNATION (cont'd)**

0377 250701 2014-04-01	UPPER MANNVILLE AAA
0377 250702 2014-04-01	UPPER MANNVILLE BBB
0377 250703 2014-04-01	UPPER MANNVILLE CCC
0377 250704 2014-04-01	UPPER MANNVILLE DDD
0377 250705 2014-04-01	UPPER MANNVILLE EEE
0377 250706 2014-04-01	UPPER MANNVILLE FFF
0377 250707 2015-11-01	UPPER MANNVILLE GGG
0377 250708 2016-01-01	UPPER MANNVILLE HHH
0377 250709 2016-01-01	UPPER MANNVILLE III
0377 250710 2016-01-01	UPPER MANNVILLE JJJ
0377 250711 2016-01-01	UPPER MANNVILLE KKK
0377 250712 2016-02-01	UPPER MANNVILLE LLL
0377 250713 2016-03-01	UPPER MANNVILLE MMM
0377 266001 2015-12-01	NOTIKEWIN A
0377 300001 2010-04-01	GLAUCONITIC A
0377 300002 2001-02-01	GLAUCONITIC B
0377 300003 2001-02-01	GLAUCONITIC C
0377 300004 2004-01-01	GLAUCONITIC D
0377 300005 2011-12-01	GLAUCONITIC E
0377 300006 2010-04-01	GLAUCONITIC F
0377 300007 2007-03-01	GLAUCONITIC G
0377 300008 2010-04-01	GLAUCONITIC H
0377 300009 2001-09-01	GLAUCONITIC I
0377 300010 2002-02-01	GLAUCONITIC J
0377 300011 2012-11-01	GLAUCONITIC K
0377 300012 2003-08-01	GLAUCONITIC L
0377 300014 2009-01-01	GLAUCONITIC N
0377 300016 2010-04-01	GLAUCONITIC P
0377 300017 2005-05-01	GLAUCONITIC Q
0377 300019 2006-01-01	GLAUCONITIC S
0377 300021 2011-10-01	GLAUCONITIC U
0377 300022 2007-11-01	GLAUCONITIC V
0377 300023 2007-07-01	GLAUCONITIC W
0377 300024 2007-07-01	GLAUCONITIC X
0377 300025 2010-04-01	GLAUCONITIC Y
0377 300027 2010-04-01	GLAUCONITIC AA

**POOL DESIGNATION (cont'd)**

0377 300029 2008-09-01	GLAUCONITIC CC
0377 300030 2008-12-01	GLAUCONITIC DD
0377 300031 2008-10-01	GLAUCONITIC EE
0377 300032 2013-07-01	GLAUCONITIC FF
0377 300034 2008-11-01	GLAUCONITIC HH
0377 300035 2010-04-01	GLAUCONITIC II
0377 300036 2011-05-01	GLAUCONITIC JJ
0377 300037 2010-02-01	GLAUCONITIC KK
0377 300038 2011-05-01	GLAUCONITIC LL
0377 300039 2011-04-01	GLAUCONITIC MM
0377 300040 2011-10-01	GLAUCONITIC NN
0377 300041 2011-10-01	GLAUCONITIC OO
0377 300042 2011-12-01	GLAUCONITIC PP
0377 300045 2013-03-01	GLAUCONITIC SS
0377 300046 2013-03-01	GLAUCONITIC TT
0377 300047 2013-09-01	GLAUCONITIC UU
0377 300048 2015-12-01	GLAUCONITIC VV
0377 300049 2013-04-01	GLAUCONITIC WW
0377 300050 2013-04-01	GLAUCONITIC XX
0377 300051 2016-09-01	GLAUCONITIC YY
0377 300052 2013-06-01	GLAUCONITIC ZZ
0377 300901 2013-09-01	GLAUCONITIC AAA
0377 300902 2013-12-01	GLAUCONITIC BBB
0377 300903 2014-03-01	GLAUCONITIC CCC
0377 300904 2014-04-01	GLAUCONITIC DDD
0377 300905 2014-04-01	GLAUCONITIC EEE
0377 300906 2015-12-01	GLAUCONITIC FFF
0377 300907 2014-04-01	GLAUCONITIC GGG
0377 300908 2014-04-01	GLAUCONITIC HHH
0377 300909 2014-04-01	GLAUCONITIC III
0377 300910 2016-05-01	GLAUCONITIC JJJ
0377 300911 2016-01-01	GLAUCONITIC KKK
0377 310001 2003-08-01	LOWER MANNVILLE A
0377 310003 2009-01-01	LOWER MANNVILLE C
0377 310005 2004-12-01	LOWER MANNVILLE E
0377 310006 2006-05-01	LOWER MANNVILLE F
0377 310007 2010-04-01	LOWER MANNVILLE G

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**POOL DESIGNATION (cont'd)**

0377 310009 2011-05-01 LOWER MANNVILLE I

0377 316004 2002-01-01 OSTRACOD D  
0377 316006 2003-06-01 OSTRACOD F  
0377 316007 2010-04-01 OSTRACOD G  
0377 316008 2005-10-01 OSTRACOD H  
0377 316011 2010-09-01 OSTRACOD K  
0377 316012 2008-05-01 OSTRACOD L  
0377 316014 2008-09-01 OSTRACOD N  
0377 316015 2008-09-01 OSTRACOD O  
0377 316016 2008-09-01 OSTRACOD P  
0377 316017 2008-09-01 OSTRACOD Q  
0377 316019 2008-11-01 OSTRACOD S  
0377 316020 2011-11-01 OSTRACOD T  
0377 316023 2011-12-01 OSTRACOD W  
0377 316024 2014-04-01 OSTRACOD X

0377 336001 2010-09-01 ELLERSLIE A  
0377 336003 2001-02-01 ELLERSLIE C  
0377 336004 2010-05-01 ELLERSLIE D  
0377 336005 2011-04-01 ELLERSLIE E  
0377 336006 2010-04-01 ELLERSLIE F  
0377 336008 2010-12-01 ELLERSLIE H  
0377 336009 2004-01-01 ELLERSLIE I  
0377 336010 2005-09-01 ELLERSLIE J  
0377 336012 2001-02-01 ELLERSLIE L  
0377 336013 2010-09-01 ELLERSLIE M  
0377 336014 2001-03-01 ELLERSLIE N  
0377 336017 2004-04-01 ELLERSLIE Q  
0377 336020 2001-06-01 ELLERSLIE T  
0377 336021 2002-01-01 ELLERSLIE U  
0377 336022 2007-08-01 ELLERSLIE V  
0377 336023 2010-04-01 ELLERSLIE W  
0377 336024 2010-04-01 ELLERSLIE X  
0377 336026 2002-08-01 ELLERSLIE Z  
0377 336027 2004-06-01 ELLERSLIE AA  
0377 336028 2005-03-01 ELLERSLIE BB  
0377 336029 2002-06-01 ELLERSLIE CC

**POOL DESIGNATION (cont'd)**

0377 336031 2002-04-01	ELLERSLIE EE
0377 336032 2006-04-01	ELLERSLIE FF
0377 336033 2002-07-01	ELLERSLIE GG
0377 336034 2010-04-01	ELLERSLIE HH
0377 336035 2005-01-01	ELLERSLIE II
0377 336036 2004-07-01	ELLERSLIE JJ
0377 336037 2002-09-01	ELLERSLIE KK
0377 336038 2002-10-01	ELLERSLIE LL
0377 336040 2004-04-01	ELLERSLIE NN
0377 336042 2003-05-01	ELLERSLIE PP
0377 336044 2004-07-01	ELLERSLIE RR
0377 336045 2004-05-01	ELLERSLIE SS
0377 336046 2003-10-01	ELLERSLIE TT
0377 336047 2013-09-01	ELLERSLIE UU
0377 336048 2010-04-01	ELLERSLIE VV
0377 336050 2004-11-01	ELLERSLIE XX
0377 336052 2014-05-01	ELLERSLIE ZZ
0377 336501 2010-04-01	ELLERSLIE AAA
0377 336502 2010-04-01	ELLERSLIE BBB
0377 336503 2010-04-01	ELLERSLIE CCC
0377 336504 2004-05-01	ELLERSLIE DDD
0377 336505 2004-05-01	ELLERSLIE EEE
0377 336506 2010-04-01	ELLERSLIE FFF
0377 336507 2010-04-01	ELLERSLIE GGG
0377 336508 2010-04-01	ELLERSLIE HHH
0377 336510 2010-04-01	ELLERSLIE JJJ
0377 336511 2010-04-01	ELLERSLIE KKK
0377 336514 2010-04-01	ELLERSLIE NNN
0377 336515 2010-04-01	ELLERSLIE OOO
0377 336518 2006-12-01	ELLERSLIE RRR
0377 336519 2010-04-01	ELLERSLIE SSS
0377 336520 2010-04-01	ELLERSLIE TTT
0377 336522 2005-02-01	ELLERSLIE VVV
0377 336523 2005-02-01	ELLERSLIE WWW
0377 336524 2010-04-01	ELLERSLIE XXX
0377 336525 2010-04-01	ELLERSLIE YYY
0377 336526 2010-04-01	ELLERSLIE ZZZ
0377 336527 2010-04-01	ELLERSLIE A2A

**POOL DESIGNATION (cont'd)**

0377 336528 2005-04-01	ELLERSLIE B2B
0377 336530 2010-04-01	ELLERSLIE D2D
0377 336531 2005-05-01	ELLERSLIE E2E
0377 336532 2010-04-01	ELLERSLIE F2F
0377 336533 2010-04-01	ELLERSLIE G2G
0377 336534 2006-01-01	ELLERSLIE H2H
0377 336535 2010-04-01	ELLERSLIE I2I
0377 336536 2010-04-01	ELLERSLIE J2J
0377 336537 2007-05-01	ELLERSLIE K2K
0377 336539 2010-04-01	ELLERSLIE M2M
0377 336541 2005-09-01	ELLERSLIE O2O
0377 336542 2010-07-01	ELLERSLIE P2P
0377 336544 2010-04-01	ELLERSLIE R2R
0377 336545 2010-04-01	ELLERSLIE S2S
0377 336546 2010-04-01	ELLERSLIE T2T
0377 336547 2010-04-01	ELLERSLIE U2U
0377 336548 2011-01-01	ELLERSLIE V2V
0377 336549 2005-12-01	ELLERSLIE W2W
0377 336550 2010-04-01	ELLERSLIE X2X
0377 337001 2006-05-01	ELLERSLIE A3A
0377 337002 2006-06-01	ELLERSLIE B3B
0377 337003 2008-09-01	ELLERSLIE C3C
0377 337005 2006-08-01	ELLERSLIE E3E
0377 337006 2006-08-01	ELLERSLIE F3F
0377 337007 2010-04-01	ELLERSLIE G3G
0377 337009 2006-12-01	ELLERSLIE I3I
0377 337011 2008-11-01	ELLERSLIE K3K
0377 337012 2010-04-01	ELLERSLIE L3L
0377 337015 2008-02-01	ELLERSLIE O3O
0377 337016 2007-07-01	ELLERSLIE P3P
0377 337017 2007-07-01	ELLERSLIE Q3Q
0377 337018 2007-07-01	ELLERSLIE R3R
0377 337020 2007-07-01	ELLERSLIE T3T
0377 337021 2007-08-01	ELLERSLIE U3U
0377 337022 2007-07-01	ELLERSLIE V3V
0377 337023 2010-04-01	ELLERSLIE W3W
0377 337024 2007-07-01	ELLERSLIE X3X
0377 337025 2010-04-01	ELLERSLIE Y3Y

**POOL DESIGNATION (cont'd)**

0377 337026 2010-04-01	ELLERSLIE Z3Z
0377 337029 2010-11-01	ELLERSLIE C4C
0377 337030 2010-04-01	ELLERSLIE D4D
0377 337031 2010-04-01	ELLERSLIE E4E
0377 337033 2010-04-01	ELLERSLIE G4G
0377 337035 2010-04-01	ELLERSLIE I4I
0377 337036 2010-04-01	ELLERSLIE J4J
0377 337037 2008-10-01	ELLERSLIE K4K
0377 337038 2010-04-01	ELLERSLIE L4L
0377 337039 2010-04-01	ELLERSLIE M4M
0377 337044 2008-09-01	ELLERSLIE R4R
0377 337045 2014-03-01	ELLERSLIE S4S
0377 337046 2008-10-01	ELLERSLIE T4T
0377 337047 2008-10-01	ELLERSLIE U4U
0377 337048 2011-12-01	ELLERSLIE V4V
0377 337049 2008-10-01	ELLERSLIE W4W
0377 337050 2008-10-01	ELLERSLIE X4X
0377 337051 2008-10-01	ELLERSLIE Y4Y
0377 337404 2010-04-01	ELLERSLIE D5D
0377 337405 2009-09-01	ELLERSLIE E5E
0377 337406 2010-04-01	ELLERSLIE F5F
0377 337407 2010-04-01	ELLERSLIE G5G
0377 337408 2009-05-01	ELLERSLIE H5H
0377 337412 2009-10-01	ELLERSLIE L5L
0377 337413 2009-10-01	ELLERSLIE M5M
0377 337414 2009-10-01	ELLERSLIE N5N
0377 337416 2010-04-01	ELLERSLIE P5P
0377 337420 2010-08-01	ELLERSLIE T5T
0377 337424 2011-05-01	ELLERSLIE X5X
0377 337425 2011-09-01	ELLERSLIE Y5Y
0377 337428 2011-12-01	ELLERSLIE B6B
0377 337429 2012-01-01	ELLERSLIE C6C
0377 337430 2012-06-01	ELLERSLIE D6D
0377 337432 2013-02-01	ELLERSLIE F6F
0377 337433 2013-03-01	ELLERSLIE G6G
0377 337434 2013-03-01	ELLERSLIE H6H
0377 337435 2013-03-01	ELLERSLIE I6I
0377 337436 2013-08-01	ELLERSLIE J6J

**POOL DESIGNATION (cont'd)**

0377 337437 2013-12-01	ELLERSLIE K6K
0377 337438 2013-12-01	ELLERSLIE L6L
0377 337439 2013-12-01	ELLERSLIE M6M
0377 337440 2013-12-01	ELLERSLIE N6N
0377 337441 2013-12-01	ELLERSLIE O6O
0377 337442 2013-12-01	ELLERSLIE P6P
0377 337443 2013-12-01	ELLERSLIE Q6Q
0377 337444 2013-12-01	ELLERSLIE R6R
0377 337445 2013-12-01	ELLERSLIE S6S
0377 337446 2013-12-01	ELLERSLIE T6T
0377 337447 2013-12-01	ELLERSLIE U6U
0377 337448 2014-04-01	ELLERSLIE V6V
0377 337449 2014-04-01	ELLERSLIE W6W
0377 337450 2014-04-01	ELLERSLIE X6X
0377 337451 2014-04-01	ELLERSLIE Y6Y
0377 337452 2014-04-01	ELLERSLIE Z6Z
0377 337501 2014-04-01	ELLERSLIE A7A
0377 337502 2014-04-01	ELLERSLIE B7B
0377 337503 2014-04-01	ELLERSLIE C7C
0377 337504 2014-04-01	ELLERSLIE D7D
0377 337505 2014-04-01	ELLERSLIE E7E
0377 337506 2014-04-01	ELLERSLIE F7F
0377 337507 2014-04-01	ELLERSLIE G7G
0377 337508 2014-04-01	ELLERSLIE H7H
0377 337509 2014-04-01	ELLERSLIE I7I
0377 337510 2014-04-01	ELLERSLIE J7J
0377 337511 2014-04-01	ELLERSLIE K7K
0377 337512 2014-04-01	ELLERSLIE L7L
0377 337513 2014-12-01	ELLERSLIE M7M
0377 337514 2016-01-01	ELLERSLIE N7N
0377 337515 2016-01-01	ELLERSLIE O7O
0377 432001 2009-10-01	ROCK CREEK A
0377 432002 2001-02-01	ROCK CREEK B
0377 432003 2001-02-01	ROCK CREEK C
0377 432005 2010-04-01	ROCK CREEK E
0377 432006 2013-09-01	ROCK CREEK F
0377 432007 2001-06-01	ROCK CREEK G

**POOL DESIGNATION (cont'd)**

0377 432017 2010-04-01	ROCK CREEK Q
0377 432018 2011-04-01	ROCK CREEK R
0377 432019 2011-03-01	ROCK CREEK S
0377 432021 2011-03-01	ROCK CREEK U
0377 432022 2010-04-01	ROCK CREEK V
0377 432023 2004-10-01	ROCK CREEK W
0377 432024 2004-11-01	ROCK CREEK X
0377 432025 2004-08-01	ROCK CREEK Y
0377 432026 2010-04-01	ROCK CREEK Z
0377 432027 2010-04-01	ROCK CREEK AA
0377 432032 2005-03-01	ROCK CREEK FF
0377 432034 2005-05-01	ROCK CREEK HH
0377 432035 2010-04-01	ROCK CREEK II
0377 432037 2006-01-01	ROCK CREEK KK
0377 432039 2010-04-01	ROCK CREEK MM
0377 432040 2010-04-01	ROCK CREEK NN
0377 432043 2010-04-01	ROCK CREEK QQ
0377 432045 2010-12-01	ROCK CREEK SS
0377 432046 2010-04-01	ROCK CREEK TT
0377 432048 2010-04-01	ROCK CREEK VV
0377 432051 2008-02-01	ROCK CREEK YY
0377 432501 2007-07-01	ROCK CREEK AAA
0377 432503 2010-04-01	ROCK CREEK CCC
0377 432504 2009-10-01	ROCK CREEK DDD
0377 432506 2007-07-01	ROCK CREEK FFF
0377 432509 2011-09-01	ROCK CREEK III
0377 432511 2010-04-01	ROCK CREEK KKK
0377 432512 2010-04-01	ROCK CREEK LLL
0377 432516 2010-04-01	ROCK CREEK PPP
0377 432517 2008-10-01	ROCK CREEK QQQ
0377 432525 2014-03-01	ROCK CREEK YYY
0377 432527 2009-05-01	ROCK CREEK A2A
0377 432529 2010-03-01	ROCK CREEK C2C
0377 432530 2010-11-01	ROCK CREEK D2D
0377 432532 2011-03-01	ROCK CREEK F2F
0377 432534 2013-04-01	ROCK CREEK H2H
0377 432535 2013-09-01	ROCK CREEK I2I
0377 432536 2013-12-01	ROCK CREEK J2J



**POOL DESIGNATION (cont'd)**

0377 432537 2013-12-01	ROCK CREEK K2K
0377 432538 2013-12-01	ROCK CREEK L2L
0377 432539 2013-12-01	ROCK CREEK M2M
0377 432540 2013-12-01	ROCK CREEK N2N
0377 432541 2013-12-01	ROCK CREEK O2O
0377 432542 2013-12-01	ROCK CREEK P2P
0377 444002 2006-04-01	NORDEGG B
0377 444003 2010-04-01	NORDEGG C
0377 444004 2010-04-01	NORDEGG D
0377 444005 2012-01-01	NORDEGG E
0377 638001 2008-02-01	ELKTON A
0377 638002 2001-02-01	ELKTON B
0377 638008 2001-02-01	ELKTON H
0377 638010 2001-02-01	ELKTON J
0377 638013 2010-04-01	ELKTON M
0377 638014 2014-04-01	ELKTON N
0377 639001 2010-04-01	ELKTON-SHUNDA A
0377 639002 2007-10-01	ELKTON-SHUNDA B
0377 639003 2001-02-01	ELKTON-SHUNDA C
0377 639004 2010-04-01	ELKTON-SHUNDA D
0377 639005 2010-07-01	ELKTON-SHUNDA E
0377 639006 2004-10-01	ELKTON-SHUNDA F
0377 639007 2007-03-01	ELKTON-SHUNDA G
0377 639008 2008-07-01	ELKTON-SHUNDA H
0377 639009 2013-12-01	ELKTON-SHUNDA I
0377 639010 2013-12-01	ELKTON-SHUNDA J
0377 639011 2013-12-01	ELKTON-SHUNDA K
0377 640001 2001-02-01	SHUNDA A
0377 640003 2003-07-01	SHUNDA C
0377 640004 2001-02-01	SHUNDA D
0377 640009 2002-07-01	SHUNDA I
0377 640010 2002-02-01	SHUNDA J
0377 640011 2002-02-01	SHUNDA K
0377 640012 2004-05-01	SHUNDA L

**POOL DESIGNATION (cont'd)**

0377 640013 2004-07-01	SHUNDA M
0377 640014 2005-02-01	SHUNDA N
0377 640016 2007-10-01	SHUNDA P
0377 640017 2009-03-01	SHUNDA Q
0377 640018 2014-04-01	SHUNDA R
0377 642001 2001-02-01	PEKISKO A
0377 642002 2011-12-01	PEKISKO B
0377 642004 2001-02-01	PEKISKO D
0377 642005 2001-02-01	PEKISKO E
0377 642006 2014-06-01	PEKISKO F
0377 642007 2001-03-01	PEKISKO G
0377 642008 2006-12-01	PEKISKO H
0377 642009 2010-04-01	PEKISKO I
0377 642010 2002-08-01	PEKISKO J
0377 642011 2010-04-01	PEKISKO K
0377 644001 2010-04-01	BANFF A
0377 644002 2010-04-01	BANFF B
0377 644003 2005-09-01	BANFF C
0377 696001 2014-04-01	D-2 A
0377 696002 2014-04-01	D-2 B
0377 720001 2014-04-01	D-3 A
0377 720002 2014-04-01	D-3 B
0377 720003 2014-04-01	D-3 C
0377 720004 2014-04-01	D-3 D
0377 728001 2013-11-01	DUVERNAY A
0377 728002 2014-05-01	DUVERNAY B
0377 756001 2014-04-01	SWAN HILLS A
0377 859900 2016-04-01	MFP8599 UPPER MANN

**SPACING PATTERN**

SU 4197 16 Jun 2004  
 SU 4197A 20 Aug 2004  
 SU 4197B 27 Sep 2004  
 SU 4197C 3 Dec 2004  
 SU 4197D 1 Feb 2005  
 SU 4197E 2 Apr 2005  
 SU 4197F 5 Aug 2005  
 SU 4197G 9 Sep 2005  
 SU 4197H 2 Nov 2005  
 SU 4197I 10 Feb 2006  
 SU 4197J 21 Jun 2006  
 SU 4197K 16 Oct 2006  
 SU 4197L 22 Mar 2007  
 SU 4197M 11 Apr 2007  
 SU 4197N 27 Sep 2007  
 SU 4197O 19 Oct 2007

**COMMINGLED PRODUCTION**

MU 8768 2 Dec 2015

**GAS STORAGE SCHEMES**

App 2696 30 Jun 1978  
 App 2696A 26 Nov 2001  
 App 2696B 25 Feb 2010  
  
 App 2696D 10 Jan 2018  
 Belly River Q, Cardium G & L  
 Canlin Energy Corporation

**ENHANCED RECOVERY SCHEMES**

App 2918I 11 Dec 2017  
 Waterflood  
 Cardium G  
 Whitecap Resources Inc.

**ENHANCED RECOVERY SCHEMES  
 (cont'd)**

App 2961I 28 Apr 2016  
 Waterflood  
 Cardium G  
 Canadian Natural Resources Limited  
  
 App 3533F 28 Apr 2016  
 Waterflood  
 Cardium G  
 Canadian Natural Resources Limited  
  
 App 4876F 20 Oct 2017  
 Waterflood  
 Cardium G and L  
 Whitecap Resources Inc.  
  
 App 5479E 20 Oct 2017  
 Waterflood  
 Cardium G and L  
 Whitecap Resources Inc.  
  
 App 5958M 30 Oct 2017  
 Waterflood  
 Basal Belly River A  
 Canlin Energy Corporation  
  
 App 8189O 30 Oct 2017  
 Waterflood  
 Cardium G  
 Canlin Energy Corporation  
  
 App 8676H 8 Apr 2016  
 Waterflood  
 Cardium G and L  
 Canadian Natural Resources Limited

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 10228N 21 Aug 2017  
Waterflood  
Cardium G and L  
Canadian Natural Resources Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 11632 7 Jun 2011  
Class Ib  
Secure Energy Services Inc.

App 12225A 21 May 2015  
Class II and Ib  
Secure Energy Services Inc.

App 11051B 19 Mar 2014  
Class Ib  
Keyera Energy Ltd.

App 12560A 3 Jan 2017  
Class II  
Canadian Natural Resources Limited

App 5110F 25 May 2017  
Class Ib  
Husky Oil Operations Limited

**COMPULSORY POOLING**

P 430 20 Sep 2012  
Gas  
31-039-8W5M  
Harvest Operations Corp.

**FIELD DESIGNATION**

0378 2017-09-01 FERRYBANK FIELD

**POOL DESIGNATION**

0378 118801 2013-09-01 LOWER EDMONTON A

0378 126007 2010-04-01 BELLY RIVER G

0378 126011 2001-02-01 BELLY RIVER K

0378 126012 2001-02-01 BELLY RIVER L

0378 126013 2001-02-01 BELLY RIVER M

0378 126015 2010-04-01 BELLY RIVER O

0378 126019 2001-08-01 BELLY RIVER S

0378 126020 2010-04-01 BELLY RIVER T

0378 126025 2007-06-01 BELLY RIVER Y

0378 126026 2005-08-01 BELLY RIVER Z

0378 126029 2010-09-01 BELLY RIVER CC

0378 126030 2012-09-01 BELLY RIVER DD

0378 126031 2014-01-01 BELLY RIVER EE

0378 134001 2011-02-01 BASAL BELLY RIVER A

0378 134002 2005-05-01 BASAL BELLY RIVER B

0378 134005 2005-05-01 BASAL BELLY RIVER E

0378 134007 2005-05-01 BASAL BELLY RIVER G

0378 134008 2005-05-01 BASAL BELLY RIVER H

0378 134010 2005-09-01 BASAL BELLY RIVER J

0378 134011 2005-06-01 BASAL BELLY RIVER K

0378 134012 2006-09-01 BASAL BELLY RIVER L

0378 134014 2008-09-01 BASAL BELLY RIVER N

0378 134015 2009-01-01 BASAL BELLY RIVER O

0378 134016 2009-01-01 BASAL BELLY RIVER P

0378 134017 2010-09-01 BASAL BELLY RIVER Q

0378 134020 2011-05-01 BASAL BELLY RIVER T

0378 134021 2012-09-01 BASAL BELLY RIVER U

0378 176001 2001-06-01 CARDIUM A

**POOL DESIGNATION (cont'd)**

0378 218001 2010-04-01	VIKING A
0378 218002 2001-02-01	VIKING B
0378 218003 2010-04-01	VIKING C
0378 218004 2001-02-01	VIKING D
0378 218005 2010-04-01	VIKING E
0378 218006 2010-04-01	VIKING F
0378 218007 2013-10-01	VIKING G
0378 250001 2010-04-01	UPPER MANNVILLE A
0378 250002 2001-02-01	UPPER MANNVILLE B
0378 250004 2002-09-01	UPPER MANNVILLE D
0378 250005 2007-07-01	UPPER MANNVILLE E
0378 250006 2008-01-01	UPPER MANNVILLE F
0378 250007 2010-04-01	UPPER MANNVILLE G
0378 250008 2005-08-01	UPPER MANNVILLE H
0378 250009 2006-03-01	UPPER MANNVILLE I
0378 250010 2006-05-01	UPPER MANNVILLE J
0378 250011 2012-05-01	UPPER MANNVILLE K
0378 250012 2007-02-01	UPPER MANNVILLE L
0378 250013 2007-03-01	UPPER MANNVILLE M
0378 250014 2007-07-01	UPPER MANNVILLE N
0378 250016 2008-05-01	UPPER MANNVILLE P
0378 250017 2010-04-01	UPPER MANNVILLE Q
0378 250018 2009-09-01	UPPER MANNVILLE R
0378 250019 2012-09-01	UPPER MANNVILLE S
0378 250020 2012-09-01	UPPER MANNVILLE T
0378 250021 2013-10-01	UPPER MANNVILLE U
0378 250022 2015-10-01	UPPER MANNVILLE V
0378 300002 2001-02-01	GLAUCONITIC B
0378 300003 2004-11-01	GLAUCONITIC C
0378 300004 2001-02-01	GLAUCONITIC D
0378 300005 2004-06-01	GLAUCONITIC E
0378 300006 2001-02-01	GLAUCONITIC F
0378 300007 2001-02-01	GLAUCONITIC G
0378 300009 2002-12-01	GLAUCONITIC I
0378 300010 2001-02-01	GLAUCONITIC J
0378 300011 2001-02-01	GLAUCONITIC K

**POOL DESIGNATION (cont'd)**

0378 300013	2001-02-01	GLAUCONITIC M
0378 300014	2001-02-01	GLAUCONITIC N
0378 300015	2010-04-01	GLAUCONITIC O
0378 300016	2001-02-01	GLAUCONITIC P
0378 300017	2001-02-01	GLAUCONITIC Q
0378 300018	2001-05-01	GLAUCONITIC R
0378 300019	2010-04-01	GLAUCONITIC S
0378 300020	2012-05-01	GLAUCONITIC T
0378 300021	2003-02-01	GLAUCONITIC U
0378 300022	2010-04-01	GLAUCONITIC V
0378 300024	2010-04-01	GLAUCONITIC X
0378 300025	2005-09-01	GLAUCONITIC Y
0378 300026	2006-01-01	GLAUCONITIC Z
0378 300027	2006-01-01	GLAUCONITIC AA
0378 300028	2013-09-01	GLAUCONITIC BB
0378 300032	2008-05-01	GLAUCONITIC FF
0378 300034	2009-02-01	GLAUCONITIC HH
0378 300035	2010-04-01	GLAUCONITIC II
0378 300036	2009-02-01	GLAUCONITIC JJ
0378 300037	2010-02-01	GLAUCONITIC KK
0378 300039	2011-10-01	GLAUCONITIC MM
0378 300040	2013-02-01	GLAUCONITIC NN
0378 300041	2014-02-01	GLAUCONITIC OO
0378 310001	2001-02-01	LOWER MANNVILLE A
0378 310002	2001-02-01	LOWER MANNVILLE B
0378 310006	2001-02-01	LOWER MANNVILLE F
0378 310007	2001-02-01	LOWER MANNVILLE G
0378 310009	2001-02-01	LOWER MANNVILLE I
0378 310011	2001-02-01	LOWER MANNVILLE K
0378 310012	2001-02-01	LOWER MANNVILLE L
0378 310013	2004-11-01	LOWER MANNVILLE M
0378 310014	2001-02-01	LOWER MANNVILLE N
0378 310016	2001-02-01	LOWER MANNVILLE P
0378 310019	2010-04-01	LOWER MANNVILLE S
0378 310020	2001-02-01	LOWER MANNVILLE T
0378 310021	2001-02-01	LOWER MANNVILLE U
0378 310022	2001-02-01	LOWER MANNVILLE V

**POOL DESIGNATION (cont'd)**

0378 310023 2010-04-01	LOWER MANNVILLE W
0378 310024 2001-02-01	LOWER MANNVILLE X
0378 310025 2016-01-01	LOWER MANNVILLE Y
0378 310026 2002-02-01	LOWER MANNVILLE Z
0378 310027 2002-02-01	LOWER MANNVILLE AA
0378 310028 2002-05-01	LOWER MANNVILLE BB
0378 310029 2002-05-01	LOWER MANNVILLE CC
0378 310030 2002-06-01	LOWER MANNVILLE DD
0378 310031 2009-05-01	LOWER MANNVILLE EE
0378 310032 2002-10-01	LOWER MANNVILLE FF
0378 310033 2013-03-01	LOWER MANNVILLE GG
0378 310034 2013-03-01	LOWER MANNVILLE HH
0378 310035 2004-06-01	LOWER MANNVILLE II
0378 310036 2004-10-01	LOWER MANNVILLE JJ
0378 310037 2004-11-01	LOWER MANNVILLE KK
0378 310038 2005-07-01	LOWER MANNVILLE LL
0378 310039 2006-09-01	LOWER MANNVILLE MM
0378 310040 2008-10-01	LOWER MANNVILLE NN
0378 310041 2010-04-01	LOWER MANNVILLE OO
0378 310042 2009-07-01	LOWER MANNVILLE PP
0378 310043 2009-10-01	LOWER MANNVILLE QQ
0378 310044 2011-03-01	LOWER MANNVILLE RR
0378 310045 2012-01-01	LOWER MANNVILLE SS
0378 310046 2012-06-01	LOWER MANNVILLE TT
0378 310047 2012-12-01	LOWER MANNVILLE UU
0378 310048 2014-02-01	LOWER MANNVILLE VV
0378 310049 2014-02-01	LOWER MANNVILLE WW
0378 644001 2007-01-01	BANFF A
0378 644002 2010-04-01	BANFF B
0378 644003 2001-02-01	BANFF C
0378 644004 2003-02-01	BANFF D
0378 644005 2001-02-01	BANFF E
0378 644006 2001-02-01	BANFF F
0378 644007 2001-02-01	BANFF G
0378 644008 2001-02-01	BANFF H
0378 644009 2010-04-01	BANFF I



**POOL DESIGNATION (cont'd)**

0378 851200 2010-11-01      MFP8512 GLAUCONITIC

**SPACING PATTERN**

SU 4182      12 May 2004  
SU 4182A     10 Jun 2004  
SU 4182B     10 Aug 2004  
SU 4182C     17 Sep 2004  
SU 4182D     23 Apr 2005  
SU 4182E     3 Aug 2005  
SU 4182F     31 Aug 2005  
SU 4182G     12 Jan 2006  
SU 4182H     1 Feb 2006  
SU 4182I     8 Mar 2006  
SU 4182J     11 Oct 2007

**COMMINGLED PRODUCTION**

MU 8647      6 Jun 2014

**ENHANCED RECOVERY SCHEMES**

App 6418I     12 Oct 2017  
Waterflood  
Basal Belly River A  
Sequoia Resources Corp.

**FIELD DESIGNATION**

0380 2016-04-01                      FIGURE LAKE FIELD

**POOL DESIGNATION**

0380 218001 2010-04-01            VIKING A  
0380 218003 2001-02-01            VIKING C  
0380 218004 2001-02-01            VIKING D  
0380 218005 2001-02-01            VIKING E  
0380 218006 2001-02-01            VIKING F  
0380 218007 2001-02-01            VIKING G  
0380 218008 2012-03-01            VIKING H  
0380 218009 2001-03-01            VIKING I  
0380 218010 2004-05-01            VIKING J  
0380 218011 2007-10-01            VIKING K

0380 250001 2001-02-01            UPPER MANNVILLE A  
0380 250002 2011-08-01            UPPER MANNVILLE B  
0380 250003 2004-06-01            UPPER MANNVILLE C  
0380 250004 2010-04-01            UPPER MANNVILLE D  
0380 250005 2001-02-01            UPPER MANNVILLE E  
0380 250006 2001-02-01            UPPER MANNVILLE F  
0380 250007 2001-02-01            UPPER MANNVILLE G  
0380 250008 2001-02-01            UPPER MANNVILLE H  
0380 250009 2001-02-01            UPPER MANNVILLE I  
0380 250010 2001-02-01            UPPER MANNVILLE J  
0380 250011 2001-02-01            UPPER MANNVILLE K  
0380 250012 2001-02-01            UPPER MANNVILLE L  
0380 250013 2001-02-01            UPPER MANNVILLE M  
0380 250014 2001-02-01            UPPER MANNVILLE N  
0380 250015 2010-04-01            UPPER MANNVILLE O  
0380 250016 2001-02-01            UPPER MANNVILLE P  
0380 250018 2001-02-01            UPPER MANNVILLE R  
0380 250020 2001-02-01            UPPER MANNVILLE T  
0380 250021 2001-02-01            UPPER MANNVILLE U  
0380 250022 2001-02-01            UPPER MANNVILLE V  
0380 250023 2001-02-01            UPPER MANNVILLE W

**POOL DESIGNATION (cont'd)**

0380 250024 2001-02-01	UPPER MANNVILLE X
0380 250025 2001-02-01	UPPER MANNVILLE Y
0380 250029 2010-04-01	UPPER MANNVILLE CC
0380 250032 2001-02-01	UPPER MANNVILLE FF
0380 250033 2001-02-01	UPPER MANNVILLE GG
0380 250034 2001-02-01	UPPER MANNVILLE HH
0380 250036 2001-02-01	UPPER MANNVILLE JJ
0380 250037 2001-02-01	UPPER MANNVILLE KK
0380 250038 2001-02-01	UPPER MANNVILLE LL
0380 250039 2001-02-01	UPPER MANNVILLE MM
0380 250040 2008-07-01	UPPER MANNVILLE NN
0380 250041 2004-07-01	UPPER MANNVILLE OO
0380 250042 2006-12-01	UPPER MANNVILLE PP
0380 250043 2001-02-01	UPPER MANNVILLE QQ
0380 250044 2001-02-01	UPPER MANNVILLE RR
0380 250045 2001-02-01	UPPER MANNVILLE SS
0380 250046 2001-02-01	UPPER MANNVILLE TT
0380 250047 2001-02-01	UPPER MANNVILLE UU
0380 250048 2010-04-01	UPPER MANNVILLE VV
0380 250049 2001-02-01	UPPER MANNVILLE WW
0380 250050 2001-02-01	UPPER MANNVILLE XX
0380 250051 2001-02-01	UPPER MANNVILLE YY
0380 250052 2001-02-01	UPPER MANNVILLE ZZ
0380 250701 2010-04-01	UPPER MANNVILLE AAA
0380 250702 2001-02-01	UPPER MANNVILLE BBB
0380 250703 2001-02-01	UPPER MANNVILLE CCC
0380 250704 2001-02-01	UPPER MANNVILLE DDD
0380 250705 2001-02-01	UPPER MANNVILLE EEE
0380 250706 2001-02-01	UPPER MANNVILLE FFF
0380 250707 2001-02-01	UPPER MANNVILLE GGG
0380 250708 2001-02-01	UPPER MANNVILLE HHH
0380 250709 2001-02-01	UPPER MANNVILLE III
0380 250710 2001-02-01	UPPER MANNVILLE JJJ
0380 250711 2001-02-01	UPPER MANNVILLE KKK
0380 250712 2001-02-01	UPPER MANNVILLE LLL
0380 250713 2001-02-01	UPPER MANNVILLE MMM
0380 250714 2003-11-01	UPPER MANNVILLE NNN
0380 250715 2001-02-01	UPPER MANNVILLE OOO

**POOL DESIGNATION (cont'd)**

0380 250716 2001-02-01	UPPER MANNVILLE PPP
0380 250717 2001-02-01	UPPER MANNVILLE QQQ
0380 250718 2001-02-01	UPPER MANNVILLE RRR
0380 250720 2001-02-01	UPPER MANNVILLE TTT
0380 250721 2001-02-01	UPPER MANNVILLE UUU
0380 250722 2001-02-01	UPPER MANNVILLE VVV
0380 250723 2001-02-01	UPPER MANNVILLE WWW
0380 250724 2001-02-01	UPPER MANNVILLE XXX
0380 250725 2010-04-01	UPPER MANNVILLE YYY
0380 250726 2001-02-01	UPPER MANNVILLE ZZZ
0380 250727 2001-02-01	UPPER MANNVILLE A2A
0380 250728 2001-02-01	UPPER MANNVILLE B2B
0380 250729 2001-02-01	UPPER MANNVILLE C2C
0380 250730 2001-02-01	UPPER MANNVILLE D2D
0380 250731 2001-02-01	UPPER MANNVILLE E2E
0380 250732 2001-02-01	UPPER MANNVILLE F2F
0380 250733 2001-02-01	UPPER MANNVILLE G2G
0380 250734 2001-02-01	UPPER MANNVILLE H2H
0380 250735 2001-02-01	UPPER MANNVILLE I2I
0380 250736 2001-02-01	UPPER MANNVILLE J2J
0380 250737 2001-02-01	UPPER MANNVILLE K2K
0380 250738 2001-02-01	UPPER MANNVILLE L2L
0380 250739 2001-02-01	UPPER MANNVILLE M2M
0380 250740 2001-02-01	UPPER MANNVILLE N2N
0380 250741 2001-02-01	UPPER MANNVILLE O2O
0380 250742 2001-02-01	UPPER MANNVILLE P2P
0380 250743 2001-02-01	UPPER MANNVILLE Q2Q
0380 250744 2001-02-01	UPPER MANNVILLE R2R
0380 250745 2001-02-01	UPPER MANNVILLE S2S
0380 250746 2002-08-01	UPPER MANNVILLE T2T
0380 250747 2001-02-01	UPPER MANNVILLE U2U
0380 250748 2001-02-01	UPPER MANNVILLE V2V
0380 250749 2001-02-01	UPPER MANNVILLE W2W
0380 250750 2001-02-01	UPPER MANNVILLE X2X
0380 250751 2006-01-01	UPPER MANNVILLE Y2Y
0380 250752 2001-02-01	UPPER MANNVILLE Z2Z
0380 251101 2001-02-01	UPPER MANNVILLE A3A
0380 251102 2001-02-01	UPPER MANNVILLE B3B

**POOL DESIGNATION (cont'd)**

0380 251103 2001-02-01	UPPER MANNVILLE C3C
0380 251104 2001-02-01	UPPER MANNVILLE D3D
0380 251105 2001-02-01	UPPER MANNVILLE E3E
0380 251106 2010-04-01	UPPER MANNVILLE F3F
0380 251107 2003-11-01	UPPER MANNVILLE G3G
0380 251108 2001-02-01	UPPER MANNVILLE H3H
0380 251109 2001-02-01	UPPER MANNVILLE I3I
0380 251110 2001-02-01	UPPER MANNVILLE J3J
0380 251115 2001-02-01	UPPER MANNVILLE O3O
0380 251116 2001-02-01	UPPER MANNVILLE P3P
0380 251117 2001-02-01	UPPER MANNVILLE Q3Q
0380 251118 2001-02-01	UPPER MANNVILLE R3R
0380 251119 2004-08-01	UPPER MANNVILLE S3S
0380 251120 2001-02-01	UPPER MANNVILLE T3T
0380 251121 2001-02-01	UPPER MANNVILLE U3U
0380 251122 2001-02-01	UPPER MANNVILLE V3V
0380 251123 2001-02-01	UPPER MANNVILLE W3W
0380 251124 2006-04-01	UPPER MANNVILLE X3X
0380 251125 2006-04-01	UPPER MANNVILLE Y3Y
0380 251126 2001-02-01	UPPER MANNVILLE Z3Z
0380 251127 2001-02-01	UPPER MANNVILLE A4A
0380 251128 2010-04-01	UPPER MANNVILLE B4B
0380 251129 2001-02-01	UPPER MANNVILLE C4C
0380 251131 2001-02-01	UPPER MANNVILLE E4E
0380 251132 2001-02-01	UPPER MANNVILLE F4F
0380 251133 2001-02-01	UPPER MANNVILLE G4G
0380 251134 2001-02-01	UPPER MANNVILLE H4H
0380 251135 2001-08-01	UPPER MANNVILLE I4I
0380 251137 2001-02-01	UPPER MANNVILLE K4K
0380 251139 2011-11-01	UPPER MANNVILLE M4M
0380 251140 2001-02-01	UPPER MANNVILLE N4N
0380 251141 2001-02-01	UPPER MANNVILLE O4O
0380 251142 2001-02-01	UPPER MANNVILLE P4P
0380 251143 2001-02-01	UPPER MANNVILLE Q4Q
0380 251144 2011-12-01	UPPER MANNVILLE R4R
0380 251145 2001-03-01	UPPER MANNVILLE S4S
0380 251147 2001-03-01	UPPER MANNVILLE U4U
0380 251148 2001-03-01	UPPER MANNVILLE V4V

**POOL DESIGNATION (cont'd)**

0380 251149 2007-12-01	UPPER MANNVILLE W4W
0380 251150 2001-09-01	UPPER MANNVILLE X4X
0380 251151 2010-04-01	UPPER MANNVILLE Y4Y
0380 251152 2002-09-01	UPPER MANNVILLE Z4Z
0380 251501 2002-09-01	UPPER MANNVILLE A5A
0380 251502 2014-03-01	UPPER MANNVILLE B5B
0380 251504 2003-04-01	UPPER MANNVILLE D5D
0380 251505 2003-04-01	UPPER MANNVILLE E5E
0380 251506 2010-04-01	UPPER MANNVILLE F5F
0380 251508 2003-11-01	UPPER MANNVILLE H5H
0380 251509 2004-05-01	UPPER MANNVILLE I5I
0380 251510 2004-05-01	UPPER MANNVILLE J5J
0380 251511 2004-05-01	UPPER MANNVILLE K5K
0380 251512 2004-05-01	UPPER MANNVILLE L5L
0380 251513 2004-06-01	UPPER MANNVILLE M5M
0380 251514 2004-06-01	UPPER MANNVILLE N5N
0380 251515 2004-06-01	UPPER MANNVILLE O5O
0380 251516 2004-09-01	UPPER MANNVILLE P5P
0380 251517 2010-04-01	UPPER MANNVILLE Q5Q
0380 251518 2004-09-01	UPPER MANNVILLE R5R
0380 251519 2004-09-01	UPPER MANNVILLE S5S
0380 251520 2006-01-01	UPPER MANNVILLE T5T
0380 251521 2006-02-01	UPPER MANNVILLE U5U
0380 251522 2006-02-01	UPPER MANNVILLE V5V
0380 251523 2006-02-01	UPPER MANNVILLE W5W
0380 251524 2006-05-01	UPPER MANNVILLE X5X
0380 251525 2007-07-01	UPPER MANNVILLE Y5Y
0380 251526 2007-07-01	UPPER MANNVILLE Z5Z
0380 251527 2007-07-01	UPPER MANNVILLE A6A
0380 251528 2011-05-01	UPPER MANNVILLE B6B
0380 251529 2010-04-01	UPPER MANNVILLE C6C
0380 251530 2012-06-01	UPPER MANNVILLE D6D
0380 251531 2010-04-01	UPPER MANNVILLE E6E
0380 251532 2010-04-01	UPPER MANNVILLE F6F
0380 251533 2007-07-01	UPPER MANNVILLE G6G
0380 251534 2007-07-01	UPPER MANNVILLE H6H
0380 251536 2007-07-01	UPPER MANNVILLE J6J
0380 251537 2007-08-01	UPPER MANNVILLE K6K

**POOL DESIGNATION (cont'd)**

0380 251538 2007-09-01	UPPER MANNVILLE L6L
0380 251539 2007-09-01	UPPER MANNVILLE M6M
0380 251540 2007-10-01	UPPER MANNVILLE N6N
0380 251541 2007-12-01	UPPER MANNVILLE O6O
0380 251542 2008-07-01	UPPER MANNVILLE P6P
0380 251543 2010-04-01	UPPER MANNVILLE Q6Q
0380 251544 2010-04-01	UPPER MANNVILLE R6R
0380 251545 2009-01-01	UPPER MANNVILLE S6S
0380 251546 2009-10-01	UPPER MANNVILLE T6T
0380 251547 2010-02-01	UPPER MANNVILLE U6U
0380 251548 2010-09-01	UPPER MANNVILLE V6V
0380 251549 2011-01-01	UPPER MANNVILLE W6W
0380 251550 2011-02-01	UPPER MANNVILLE X6X
0380 251551 2011-04-01	UPPER MANNVILLE Y6Y
0380 251552 2011-04-01	UPPER MANNVILLE Z6Z
0380 251901 2011-11-01	UPPER MANNVILLE A7A
0380 251902 2011-11-01	UPPER MANNVILLE B7B
0380 320001 2010-04-01	BASAL MANNVILLE A
0380 320003 2001-02-01	BASAL MANNVILLE C
0380 320006 2001-02-01	BASAL MANNVILLE F
0380 320007 2001-02-01	BASAL MANNVILLE G
0380 320008 2001-02-01	BASAL MANNVILLE H
0380 320009 2008-09-01	BASAL MANNVILLE I
0380 320010 2010-04-01	BASAL MANNVILLE J
0380 328001 2001-02-01	MCMURRAY A
0380 328002 2001-02-01	MCMURRAY B
0380 328003 2007-09-01	MCMURRAY C
0380 350001 2001-08-01	DETRITAL A
0380 350002 2001-02-01	DETRITAL B
0380 658001 2001-02-01	D-1 A
0380 670001 2010-04-01	WINTERBURN A
0380 696002 2010-04-01	D-2 B

**POOL DESIGNATION (cont'd)**

0380 696004	2001-02-01	D-2 D
0380 696005	2012-05-01	D-2 E
0380 696006	2001-02-01	D-2 F
0380 696007	2001-02-01	D-2 G
0380 696008	2010-04-01	D-2 H
0380 696009	2001-02-01	D-2 I
0380 696010	2001-02-01	D-2 J
0380 696012	2001-02-01	D-2 L
0380 696013	2001-02-01	D-2 M
0380 696015	2001-02-01	D-2 O
0380 696016	2011-03-01	D-2 P
0380 696018	2001-02-01	D-2 R
0380 696020	2001-02-01	D-2 T
0380 696021	2010-04-01	D-2 U
0380 696022	2001-02-01	D-2 V
0380 696023	2001-02-01	D-2 W
0380 696024	2001-02-01	D-2 X
0380 696026	2003-03-01	D-2 Z
0380 696027	2007-09-01	D-2 AA

0380 716001	2001-02-01	GROSMONT A
0380 716002	2001-02-01	GROSMONT B
0380 716004	2001-02-01	GROSMONT D
0380 716005	2004-07-01	GROSMONT E
0380 716006	2004-11-01	GROSMONT F

**SPACING PATTERN**

SU 2653      15 Apr 1996

**COMMINGLED PRODUCTION**

MU 7231      2 Sep 2009

**SUBSURFACE DISPOSAL SCHEMES**

App 7848C    20 Oct 2010  
Class II  
Apache Canada Ltd.



**FIELD DESIGNATION**

1083 2011-02-01                      FINCASTLE FIELD

**POOL DESIGNATION**

1083 186001 2011-02-01              SECOND WHITE SPECKS A

1083 346001 2001-02-01              TABER A

1083 346002 2001-02-01              TABER B

1083 428001 2008-10-01              SAWTOOTH A

**SPACING PATTERN**

SU 2358              15 Nov 1995

**FIELD DESIGNATION**

0375 2010-05-01 FINDLEY FIELD

**POOL DESIGNATION**

0375 192001 2010-04-01 DUNVEGAN A

0375 230001 2010-04-01 PADDY A

0375 230002 2010-05-01 PADDY B

0375 232001 2004-02-01 CADOTTE A

0375 232002 2005-10-01 CADOTTE B

0375 232003 2014-02-01 CADOTTE C

0375 348001 2010-04-01 CADOMIN A

0375 348002 2001-07-01 CADOMIN B

0375 348003 2001-02-01 CADOMIN C

0375 348004 2014-02-01 CADOMIN D

0375 408001 2010-04-01 NIKANASSIN A

0375 444001 2010-04-01 NORDEGG A

0375 500001 2010-04-01 TRIASSIC A

0375 500002 2010-04-01 TRIASSIC B

0375 500003 2009-02-01 TRIASSIC C

0375 500004 2011-03-01 TRIASSIC D

0375 556001 2013-01-01 BELLOY A

0375 610001 2010-04-01 RUNDLE A

**SPACING PATTERN**

SU 2654 28 Feb 1996

SU 2654A 23 Mar 2004

SU 2654B 19 Aug 2005

**COMMINGLED PRODUCTION**

MU 7687 12 Jan 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 10153D 21 Mar 2013

Class Ib

Gibson Energy ULC

**FIELD DESIGNATION**

0381 2009-01-01 FIRE FIELD

**POOL DESIGNATION**

0381 758001 2001-02-01 SLAVE POINT A  
0381 758002 2001-02-01 SLAVE POINT B  
0381 758003 2001-03-01 SLAVE POINT C  
0381 758004 2007-12-01 SLAVE POINT D

0381 767501 2008-06-01 SULPHUR POINT A  
0381 767503 2010-04-01 SULPHUR POINT C  
0381 767504 2008-06-01 SULPHUR POINT D  
0381 767505 2008-06-01 SULPHUR POINT E  
0381 767506 2008-06-01 SULPHUR POINT F  
0381 767507 2008-06-01 SULPHUR POINT G  
0381 767508 2008-06-01 SULPHUR POINT H  
0381 767509 2008-06-01 SULPHUR POINT I  
0381 767510 2008-06-01 SULPHUR POINT J  
0381 767511 2008-06-01 SULPHUR POINT K  
0381 767512 2008-06-01 SULPHUR POINT L  
0381 767513 2008-09-01 SULPHUR POINT M

0381 768501 2008-06-01 MUSKEG A  
0381 768502 2008-06-01 MUSKEG B  
0381 768503 2008-06-01 MUSKEG C

0381 772101 2008-06-01 KEG RIVER A  
0381 772102 2010-04-01 KEG RIVER B  
0381 772103 2008-06-01 KEG RIVER C  
0381 772104 2010-04-01 KEG RIVER D  
0381 772105 2008-06-01 KEG RIVER E  
0381 772106 2008-06-01 KEG RIVER F  
0381 772107 2008-06-01 KEG RIVER G  
0381 772108 2008-06-01 KEG RIVER H  
0381 772109 2008-06-01 KEG RIVER I  
0381 772110 2008-06-01 KEG RIVER J

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**FIR**

**FIRE FIELD**

**0381**

**March 2018**

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**POOL DESIGNATION (cont'd)**

0381 772111 2008-06-01 KEG RIVER K

0381 772112 2008-06-01 KEG RIVER L

**SPACING PATTERN**

SU 2859 10 Mar 1998

SU 2859A 6 Jul 2005

**COMMINGLED PRODUCTION**

MU 3124 15 Oct 2003

**FIELD DESIGNATION**

0036 2010-12-01 FISHER FIELD

**POOL DESIGNATION**

0036 218001 2007-03-01 VIKING A  
0036 218002 2012-03-01 VIKING B  
0036 218003 2007-06-01 VIKING C  
  
0036 262001 2001-02-01 GRAND RAPIDS A  
0036 262002 2017-09-01 GRAND RAPIDS B  
0036 262003 2014-05-01 GRAND RAPIDS C  
0036 262004 2014-05-01 GRAND RAPIDS D  
0036 262005 2013-07-01 GRAND RAPIDS E  
0036 262006 2001-02-01 GRAND RAPIDS F  
0036 262007 2010-04-01 GRAND RAPIDS G  
0036 262008 2001-02-01 GRAND RAPIDS H  
0036 262010 2006-04-01 GRAND RAPIDS J  
0036 262011 2010-04-01 GRAND RAPIDS K  
0036 262012 2010-06-01 GRAND RAPIDS L  
0036 262015 2003-01-01 GRAND RAPIDS O  
0036 262017 2001-02-01 GRAND RAPIDS Q  
0036 262018 2010-07-01 GRAND RAPIDS R  
0036 262019 2013-04-01 GRAND RAPIDS S  
0036 262024 2008-05-01 GRAND RAPIDS X  
0036 262025 2001-02-01 GRAND RAPIDS Y  
0036 262026 2010-04-01 GRAND RAPIDS Z  
0036 262027 2010-04-01 GRAND RAPIDS AA  
0036 262029 2007-06-01 GRAND RAPIDS CC  
0036 262031 2011-07-01 GRAND RAPIDS EE  
0036 262032 2002-11-01 GRAND RAPIDS FF  
0036 262033 2002-06-01 GRAND RAPIDS GG  
0036 262034 2006-05-01 GRAND RAPIDS HH  
0036 262035 2010-04-01 GRAND RAPIDS II  
0036 262036 2001-02-01 GRAND RAPIDS JJ  
0036 262038 2011-02-01 GRAND RAPIDS LL  
0036 262039 2011-01-01 GRAND RAPIDS MM

**POOL DESIGNATION (cont'd)**

0036 262041 2001-02-01	GRAND RAPIDS OO
0036 262042 2010-02-01	GRAND RAPIDS PP
0036 262043 2010-04-01	GRAND RAPIDS QQ
0036 262044 2006-04-01	GRAND RAPIDS RR
0036 262045 2006-12-01	GRAND RAPIDS SS
0036 262050 2001-02-01	GRAND RAPIDS XX
0036 262051 2012-04-01	GRAND RAPIDS YY
0036 262501 2010-04-01	GRAND RAPIDS AAA
0036 262502 2001-02-01	GRAND RAPIDS BBB
0036 262504 2013-04-01	GRAND RAPIDS DDD
0036 262505 2001-02-01	GRAND RAPIDS EEE
0036 262507 2001-02-01	GRAND RAPIDS GGG
0036 262508 2001-02-01	GRAND RAPIDS HHH
0036 262509 2013-04-01	GRAND RAPIDS III
0036 262511 2010-07-01	GRAND RAPIDS KKK
0036 262512 2011-05-01	GRAND RAPIDS LLL
0036 262513 2010-04-01	GRAND RAPIDS MMM
0036 262514 2001-03-01	GRAND RAPIDS NNN
0036 262515 2001-02-01	GRAND RAPIDS OOO
0036 262516 2010-04-01	GRAND RAPIDS PPP
0036 262517 2013-10-01	GRAND RAPIDS QQQ
0036 262519 2006-07-01	GRAND RAPIDS SSS
0036 262520 2001-03-01	GRAND RAPIDS TTT
0036 262521 2010-04-01	GRAND RAPIDS UUU
0036 262522 2001-03-01	GRAND RAPIDS VVV
0036 262523 2013-07-01	GRAND RAPIDS WWW
0036 262525 2010-04-01	GRAND RAPIDS YYY
0036 262527 2007-09-01	GRAND RAPIDS A2A
0036 262528 2001-03-01	GRAND RAPIDS B2B
0036 262529 2001-04-01	GRAND RAPIDS C2C
0036 262532 2007-07-01	GRAND RAPIDS F2F
0036 262534 2010-04-01	GRAND RAPIDS H2H
0036 262536 2009-06-01	GRAND RAPIDS J2J
0036 262537 2009-06-01	GRAND RAPIDS K2K
0036 262538 2002-06-01	GRAND RAPIDS L2L
0036 262539 2004-04-01	GRAND RAPIDS M2M
0036 262540 2009-06-01	GRAND RAPIDS N2N
0036 262542 2012-04-01	GRAND RAPIDS P2P

**POOL DESIGNATION (cont'd)**

0036 262543 2006-08-01	GRAND RAPIDS Q2Q
0036 262544 2004-04-01	GRAND RAPIDS R2R
0036 262545 2004-04-01	GRAND RAPIDS S2S
0036 262546 2006-04-01	GRAND RAPIDS T2T
0036 262548 2005-06-01	GRAND RAPIDS V2V
0036 262549 2004-03-01	GRAND RAPIDS W2W
0036 262550 2004-01-01	GRAND RAPIDS X2X
0036 262552 2010-04-01	GRAND RAPIDS Z2Z
0036 263401 2005-04-01	GRAND RAPIDS A3A
0036 263402 2005-03-01	GRAND RAPIDS B3B
0036 263403 2004-09-01	GRAND RAPIDS C3C
0036 263405 2005-03-01	GRAND RAPIDS E3E
0036 263406 2013-11-01	GRAND RAPIDS F3F
0036 263407 2009-05-01	GRAND RAPIDS G3G
0036 263408 2005-06-01	GRAND RAPIDS H3H
0036 263409 2006-05-01	GRAND RAPIDS I3I
0036 263410 2009-04-01	GRAND RAPIDS J3J
0036 263411 2009-03-01	GRAND RAPIDS K3K
0036 263415 2007-11-01	GRAND RAPIDS O3O
0036 263417 2011-03-01	GRAND RAPIDS Q3Q
0036 263418 2010-04-01	GRAND RAPIDS R3R
0036 263419 2008-04-01	GRAND RAPIDS S3S
0036 263420 2010-04-01	GRAND RAPIDS T3T
0036 263421 2008-04-01	GRAND RAPIDS U3U
0036 263422 2008-05-01	GRAND RAPIDS V3V
0036 263423 2008-07-01	GRAND RAPIDS W3W
0036 263424 2008-08-01	GRAND RAPIDS X3X
0036 263425 2008-10-01	GRAND RAPIDS Y3Y
0036 263428 2008-12-01	GRAND RAPIDS B4B
0036 263429 2009-04-01	GRAND RAPIDS C4C
0036 263430 2009-04-01	GRAND RAPIDS D4D
0036 263431 2009-05-01	GRAND RAPIDS E4E
0036 263432 2009-05-01	GRAND RAPIDS F4F
0036 263433 2009-05-01	GRAND RAPIDS G4G
0036 263434 2009-07-01	GRAND RAPIDS H4H
0036 263435 2010-01-01	GRAND RAPIDS I4I
0036 263438 2010-03-01	GRAND RAPIDS L4L
0036 263439 2010-05-01	GRAND RAPIDS M4M



**POOL DESIGNATION (cont'd)**

0036 263440 2011-05-01 GRAND RAPIDS N4N  
0036 263441 2010-08-01 GRAND RAPIDS O4O  
0036 263442 2011-02-01 GRAND RAPIDS P4P  
0036 263443 2011-02-01 GRAND RAPIDS Q4Q  
0036 263444 2011-02-01 GRAND RAPIDS R4R  
0036 263445 2011-04-01 GRAND RAPIDS S4S  
0036 263446 2011-04-01 GRAND RAPIDS T4T  
0036 263447 2013-06-01 GRAND RAPIDS U4U  
0036 263448 2014-05-01 GRAND RAPIDS V4V  
0036 263449 2014-05-01 GRAND RAPIDS W4W  
0036 263450 2017-02-01 GRAND RAPIDS X4X

0036 280001 2007-09-01 CLEARWATER A  
0036 280002 2010-04-01 CLEARWATER B  
0036 280003 2001-02-01 CLEARWATER C  
0036 280005 2010-04-01 CLEARWATER E  
0036 280007 2007-09-01 CLEARWATER G  
0036 280008 2001-02-01 CLEARWATER H  
0036 280014 2001-02-01 CLEARWATER N  
0036 280017 2010-04-01 CLEARWATER Q  
0036 280018 2001-02-01 CLEARWATER R  
0036 280019 2007-09-01 CLEARWATER S  
0036 280020 2011-09-01 CLEARWATER T  
0036 280022 2010-04-01 CLEARWATER V  
0036 280023 2001-04-01 CLEARWATER W  
0036 280024 2001-02-01 CLEARWATER X  
0036 280025 2001-02-01 CLEARWATER Y  
0036 280026 2001-03-01 CLEARWATER Z  
0036 280027 2001-02-01 CLEARWATER AA  
0036 280028 2001-02-01 CLEARWATER BB  
0036 280029 2011-09-01 CLEARWATER CC  
0036 280033 2008-06-01 CLEARWATER GG  
0036 280034 2001-03-01 CLEARWATER HH  
0036 280035 2001-03-01 CLEARWATER II  
0036 280036 2003-06-01 CLEARWATER JJ  
0036 280037 2001-03-01 CLEARWATER KK  
0036 280038 2004-05-01 CLEARWATER LL  
0036 280039 2002-03-01 CLEARWATER MM

**POOL DESIGNATION (cont'd)**

0036 280040 2001-08-01	CLEARWATER NN
0036 280041 2002-09-01	CLEARWATER OO
0036 280042 2003-06-01	CLEARWATER PP
0036 280043 2004-02-01	CLEARWATER QQ
0036 280044 2004-07-01	CLEARWATER RR
0036 280045 2004-07-01	CLEARWATER SS
0036 280046 2011-08-01	CLEARWATER TT
0036 306001 2002-12-01	WABISKAW A
0036 306002 2004-01-01	WABISKAW B
0036 306003 2004-03-01	WABISKAW C
0036 306004 2004-01-01	WABISKAW D
0036 306005 2013-04-01	WABISKAW E
0036 306201 2010-04-01	WABISKAW-MCMURRAY A
0036 306202 2004-01-01	WABISKAW-MCMURRAY B
0036 306203 2004-01-01	WABISKAW-MCMURRAY C
0036 306204 2004-02-01	WABISKAW-MCMURRAY D
0036 306205 2006-05-01	WABISKAW-MCMURRAY E
0036 328001 2012-04-01	MCMURRAY A
0036 328002 2001-02-01	MCMURRAY B
0036 328003 2001-02-01	MCMURRAY C
0036 328004 2003-05-01	MCMURRAY D
0036 328005 2001-02-01	MCMURRAY E
0036 328006 2001-02-01	MCMURRAY F
0036 328008 2001-02-01	MCMURRAY H
0036 328009 2003-12-01	MCMURRAY I
0036 328010 2001-03-01	MCMURRAY J
0036 328011 2004-06-01	MCMURRAY K
0036 328012 2003-04-01	MCMURRAY L
0036 328013 2003-04-01	MCMURRAY M
0036 328014 2003-03-01	MCMURRAY N
0036 328015 2003-10-01	MCMURRAY O
0036 328016 2004-01-01	MCMURRAY P
0036 328017 2004-02-01	MCMURRAY Q
0036 328018 2004-03-01	MCMURRAY R
0036 328019 2004-01-01	MCMURRAY S

**POOL DESIGNATION (cont'd)**

0036 328020	2008-04-01	MCMURRAY T
0036 328021	2006-03-01	MCMURRAY U
0036 328022	2007-07-01	MCMURRAY V
0036 328023	2007-07-01	MCMURRAY W
0036 328024	2007-12-01	MCMURRAY X
0036 328025	2010-04-01	MCMURRAY Y
0036 328026	2010-04-01	MCMURRAY Z
0036 328027	2010-04-01	MCMURRAY AA
0036 328028	2010-02-01	MCMURRAY BB
0036 328029	2010-02-01	MCMURRAY CC
0036 328030	2010-04-01	MCMURRAY DD
0036 328031	2010-07-01	MCMURRAY EE
0036 328032	2010-10-01	MCMURRAY FF
0036 328033	2014-06-01	MCMURRAY GG

**SPACING PATTERN**

SU 2852	6 Feb 1998
SU 2852A	1 Mar 2000
SU 2852B	2 Mar 2000
SU 2852C	7 Nov 2000
SU 2852D	5 Jul 2002
SU 2852E	8 Jul 2004
SU 2852F	24 Aug 2005
SU 2852G	12 May 2006
SU 2852H	10 Aug 2006
SU 2852I	23 Feb 2007
SU 2852J	11 Oct 2007

**COMMINGLED PRODUCTION**

MU 8716	30 Mar 2015
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**SUBSURFACE DISPOSAL SCHEMES**

App 10289	25 May 2005
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Cavern Disposal  
Encana Oil & Gas Partnership

**FIELD DESIGNATION**

0382 2011-11-01                      FLAT FIELD

**POOL DESIGNATION**

0382 218001 2001-03-01            VIKING A  
0382 218002 2003-03-01            VIKING B  
0382 218003 2003-11-01            VIKING C  
0382 218004 2006-02-01            VIKING D  
0382 218005 2008-04-01            VIKING E

0382 248003 2001-02-01            MANNVILLE C  
0382 248004 2010-04-01            MANNVILLE D  
0382 248005 2011-06-01            MANNVILLE E  
0382 248006 2001-02-01            MANNVILLE F  
0382 248007 2011-05-01            MANNVILLE G  
0382 248008 2001-02-01            MANNVILLE H  
0382 248009 2010-04-01            MANNVILLE I  
0382 248010 2001-02-01            MANNVILLE J  
0382 248011 2001-02-01            MANNVILLE K  
0382 248012 2001-02-01            MANNVILLE L  
0382 248013 2001-02-01            MANNVILLE M  
0382 248014 2001-02-01            MANNVILLE N  
0382 248015 2001-02-01            MANNVILLE O  
0382 248016 2001-02-01            MANNVILLE P  
0382 248017 2001-02-01            MANNVILLE Q  
0382 248018 2001-02-01            MANNVILLE R  
0382 248019 2015-02-01            MANNVILLE S  
0382 248020 2001-02-01            MANNVILLE T  
0382 248021 2007-12-01            MANNVILLE U  
0382 248022 2011-05-01            MANNVILLE V  
0382 248023 2001-02-01            MANNVILLE W  
0382 248024 2004-07-01            MANNVILLE X  
0382 248025 2004-07-01            MANNVILLE Y  
0382 248026 2001-02-01            MANNVILLE Z  
0382 248027 2004-07-01            MANNVILLE AA  
0382 248028 2004-07-01            MANNVILLE BB

**POOL DESIGNATION (cont'd)**

0382 248029 2001-02-01	MANNVILLE CC
0382 248030 2001-02-01	MANNVILLE DD
0382 248031 2008-06-01	MANNVILLE EE
0382 248033 2001-02-01	MANNVILLE GG
0382 248034 2010-04-01	MANNVILLE HH
0382 248035 2001-03-01	MANNVILLE II
0382 248039 2003-11-01	MANNVILLE MM
0382 248040 2001-02-01	MANNVILLE NN
0382 248041 2012-05-01	MANNVILLE OO
0382 248042 2001-02-01	MANNVILLE PP
0382 248043 2001-02-01	MANNVILLE QQ
0382 248044 2001-02-01	MANNVILLE RR
0382 248045 2001-02-01	MANNVILLE SS
0382 248046 2001-02-01	MANNVILLE TT
0382 248047 2001-03-01	MANNVILLE UU
0382 248048 2001-03-01	MANNVILLE VV
0382 248049 2001-03-01	MANNVILLE WW
0382 248050 2001-09-01	MANNVILLE XX
0382 248051 2010-04-01	MANNVILLE YY
0382 248052 2002-04-01	MANNVILLE ZZ
0382 248101 2002-04-01	MANNVILLE AAA
0382 248102 2002-05-01	MANNVILLE BBB
0382 248104 2002-05-01	MANNVILLE DDD
0382 248105 2002-07-01	MANNVILLE EEE
0382 248106 2012-05-01	MANNVILLE FFF
0382 248107 2010-04-01	MANNVILLE GGG
0382 248108 2006-03-01	MANNVILLE HHH
0382 248109 2012-04-01	MANNVILLE III
0382 248110 2007-08-01	MANNVILLE JJJ
0382 248111 2008-04-01	MANNVILLE KKK
0382 248112 2008-03-01	MANNVILLE LLL
0382 248113 2008-05-01	MANNVILLE MMM
0382 248114 2011-06-01	MANNVILLE NNN
0382 248115 2011-07-01	MANNVILLE OOO
0382 248116 2011-07-01	MANNVILLE PPP
0382 248117 2011-10-01	MANNVILLE QQQ
0382 248118 2011-11-01	MANNVILLE RRR
0382 248119 2012-05-01	MANNVILLE SSS

**POOL DESIGNATION (cont'd)**

0382 248120 2012-05-01 MANNVILLE TTT  
0382 270001 2015-03-01 WASECA A  
0382 280001 2005-12-01 CLEARWATER A  
0382 280002 2006-09-01 CLEARWATER B  
0382 280003 2007-10-01 CLEARWATER C  
0382 306001 2006-04-01 WABISKAW A  
0382 306101 2010-04-01 WABISKAW-WABAMUN A  
0382 306102 2010-04-01 WABISKAW-WABAMUN B  
0382 670001 2002-07-01 WINTERBURN A  
0382 670002 2002-07-01 WINTERBURN B  
0382 696001 2001-02-01 NISKU A

**SPACING PATTERN**

SU 2895 29 Jul 1998  
SU 2895A 6 Apr 2001

**COMMINGLED PRODUCTION**

MU 5812 31 Jul 2006

**FIELD DESIGNATION**

0383 2012-03-01 FLOOD FIELD

**POOL DESIGNATION**

0383 264001 2008-07-01 SPIRIT RIVER A

0383 264002 2008-07-01 SPIRIT RIVER B

0383 304001 2001-02-01 BLUESKY A

0383 304002 2008-04-01 BLUESKY B

0383 326001 2001-02-01 GETHING A

0383 326002 2007-10-01 GETHING B

0383 326003 2007-09-01 GETHING C

0383 326004 2008-04-01 GETHING D

0383 524001 2001-02-01 MONTNEY A

0383 524003 2017-07-01 MONTNEY C

0383 524004 2017-07-01 MONTNEY D

0383 524005 2013-01-01 MONTNEY E

0383 524006 2017-03-01 MONTNEY F

0383 524008 2017-04-01 MONTNEY H

0383 556001 2007-10-01 BELLOY A

**SUBSURFACE DISPOSAL SCHEMES**

App 12245 24 Mar 2014

Class II

Canamax Energy Ltd.

**FIELD DESIGNATION**

1085 2010-05-01                      FOLEY LAKE FIELD

**POOL DESIGNATION**

1085 218001 2012-08-01            VIKING A

1085 218002 2006-03-01            VIKING B

1085 250001 2002-07-01            UPPER MANNVILLE A

1085 250002 2006-01-01            UPPER MANNVILLE B

1085 310001 2001-02-01            LOWER MANNVILLE A

1085 310002 2002-07-01            LOWER MANNVILLE B

1085 310003 2007-07-01            LOWER MANNVILLE C

1085 310004 2008-07-01            LOWER MANNVILLE D

1085 310005 2010-05-01            LOWER MANNVILLE E



**FIELD DESIGNATION**

1340 2001-10-01                      FONTAS FIELD

**POOL DESIGNATION**

1340 612001 2010-04-01      DEBOLT A  
1340 612002 2001-02-01      DEBOLT B  
1340 612003 2001-03-01      DEBOLT C  
1340 612004 2001-10-01      DEBOLT D  
1340 612005 2006-01-01      DEBOLT E

**FIELD DESIGNATION**

0385 2014-07-01 FORESTBURG FIELD

**POOL DESIGNATION**

0385 218003 2001-02-01 VIKING C  
0385 218004 2010-04-01 VIKING D  
0385 218005 2007-10-01 VIKING E  
0385 218006 2008-10-01 VIKING F  
0385 218007 2017-11-01 VIKING G  
0385 218009 2017-11-01 VIKING I  
0385 218010 2017-11-01 VIKING J  
0385 218011 2013-01-01 VIKING K  
0385 218012 2013-04-01 VIKING L  
0385 218013 2014-07-01 VIKING M

0385 250001 2001-02-01 UPPER MANNVILLE A  
0385 250002 2001-02-01 UPPER MANNVILLE B  
0385 250005 2001-02-01 UPPER MANNVILLE E  
0385 250007 2001-02-01 UPPER MANNVILLE G  
0385 250008 2001-02-01 UPPER MANNVILLE H  
0385 250010 2001-02-01 UPPER MANNVILLE J  
0385 250011 2001-02-01 UPPER MANNVILLE K  
0385 250012 2001-02-01 UPPER MANNVILLE L  
0385 250013 2010-04-01 UPPER MANNVILLE M  
0385 250014 2001-02-01 UPPER MANNVILLE N  
0385 250015 2001-02-01 UPPER MANNVILLE O  
0385 250016 2001-02-01 UPPER MANNVILLE P  
0385 250018 2001-02-01 UPPER MANNVILLE R  
0385 250020 2010-04-01 UPPER MANNVILLE T  
0385 250021 2010-04-01 UPPER MANNVILLE U  
0385 250022 2010-04-01 UPPER MANNVILLE V  
0385 250023 2001-02-01 UPPER MANNVILLE W  
0385 250024 2001-02-01 UPPER MANNVILLE X  
0385 250025 2001-02-01 UPPER MANNVILLE Y  
0385 250026 2001-02-01 UPPER MANNVILLE Z  
0385 250028 2001-02-01 UPPER MANNVILLE BB

**POOL DESIGNATION (cont'd)**

0385 250031 2001-02-01	UPPER MANNVILLE EE
0385 250032 2001-02-01	UPPER MANNVILLE FF
0385 250033 2001-02-01	UPPER MANNVILLE GG
0385 250034 2001-02-01	UPPER MANNVILLE HH
0385 250035 2001-02-01	UPPER MANNVILLE II
0385 250036 2001-02-01	UPPER MANNVILLE JJ
0385 250037 2010-04-01	UPPER MANNVILLE KK
0385 250038 2002-09-01	UPPER MANNVILLE LL
0385 250039 2001-03-01	UPPER MANNVILLE MM
0385 250040 2003-10-01	UPPER MANNVILLE NN
0385 250041 2005-02-01	UPPER MANNVILLE OO
0385 250042 2005-08-01	UPPER MANNVILLE PP
0385 250043 2010-04-01	UPPER MANNVILLE QQ
0385 250044 2007-07-01	UPPER MANNVILLE RR
0385 250045 2007-07-01	UPPER MANNVILLE SS
0385 250046 2007-07-01	UPPER MANNVILLE TT
0385 250047 2007-07-01	UPPER MANNVILLE UU
0385 250049 2007-12-01	UPPER MANNVILLE WW
0385 250050 2008-02-01	UPPER MANNVILLE XX
0385 250051 2008-02-01	UPPER MANNVILLE YY
0385 250052 2016-06-01	UPPER MANNVILLE ZZ
0385 250701 2008-05-01	UPPER MANNVILLE AAA
0385 250702 2008-05-01	UPPER MANNVILLE BBB
0385 250703 2008-05-01	UPPER MANNVILLE CCC
0385 250704 2010-10-01	UPPER MANNVILLE DDD
0385 250705 2011-05-01	UPPER MANNVILLE EEE
0385 250706 2013-10-01	UPPER MANNVILLE FFF
0385 250707 2014-07-01	UPPER MANNVILLE GGG
0385 250708 2014-07-01	UPPER MANNVILLE HHH
0385 250709 2014-07-01	UPPER MANNVILLE III
0385 250710 2014-07-01	UPPER MANNVILLE JJJ
0385 250711 2014-07-01	UPPER MANNVILLE KKK
0385 300001 2014-07-01	GLAUCONITIC A
0385 300002 2014-07-01	GLAUCONITIC B
0385 300003 2014-07-01	GLAUCONITIC C
0385 300004 2014-07-01	GLAUCONITIC D
0385 300005 2014-07-01	GLAUCONITIC E

**POOL DESIGNATION (cont'd)**

0385 300006 2014-07-01	GLAUCONITIC F
0385 300007 2014-07-01	GLAUCONITIC G
0385 300008 2014-07-01	GLAUCONITIC H
0385 300009 2014-07-01	GLAUCONITIC I
0385 300010 2014-07-01	GLAUCONITIC J
0385 300011 2014-07-01	GLAUCONITIC K
0385 300012 2014-07-01	GLAUCONITIC L
0385 300013 2014-07-01	GLAUCONITIC M
0385 300014 2014-07-01	GLAUCONITIC N
0385 300015 2014-07-01	GLAUCONITIC O
0385 300016 2014-07-01	GLAUCONITIC P
0385 300017 2014-07-01	GLAUCONITIC Q
0385 300018 2014-07-01	GLAUCONITIC R
0385 300019 2014-07-01	GLAUCONITIC S
0385 300020 2014-07-01	GLAUCONITIC T
0385 300021 2014-07-01	GLAUCONITIC U
0385 300022 2014-07-01	GLAUCONITIC V
0385 300023 2014-07-01	GLAUCONITIC W
0385 300024 2014-07-01	GLAUCONITIC X
0385 300025 2014-07-01	GLAUCONITIC Y
0385 300026 2014-07-01	GLAUCONITIC Z
0385 300027 2014-07-01	GLAUCONITIC AA
0385 300028 2014-07-01	GLAUCONITIC BB
0385 300029 2014-07-01	GLAUCONITIC CC
0385 300030 2014-07-01	GLAUCONITIC DD
0385 300031 2014-07-01	GLAUCONITIC EE
0385 300032 2014-07-01	GLAUCONITIC FF
0385 300033 2014-07-01	GLAUCONITIC GG
0385 300034 2014-07-01	GLAUCONITIC HH
0385 300035 2014-07-01	GLAUCONITIC II
0385 300036 2014-07-01	GLAUCONITIC JJ
0385 310002 2001-02-01	LOWER MANNVILLE B
0385 310004 2001-02-01	LOWER MANNVILLE D
0385 310005 2006-06-01	LOWER MANNVILLE E
0385 310006 2001-02-01	LOWER MANNVILLE F
0385 310008 2001-02-01	LOWER MANNVILLE H
0385 310009 2001-02-01	LOWER MANNVILLE I

**POOL DESIGNATION (cont'd)**

0385 310010 2001-02-01	LOWER MANNVILLE J
0385 310011 2001-02-01	LOWER MANNVILLE K
0385 310012 2001-02-01	LOWER MANNVILLE L
0385 310014 2004-08-01	LOWER MANNVILLE N
0385 310016 2001-02-01	LOWER MANNVILLE P
0385 310017 2001-02-01	LOWER MANNVILLE Q
0385 310018 2001-02-01	LOWER MANNVILLE R
0385 310019 2001-02-01	LOWER MANNVILLE S
0385 310020 2010-04-01	LOWER MANNVILLE T
0385 310021 2001-02-01	LOWER MANNVILLE U
0385 310022 2001-02-01	LOWER MANNVILLE V
0385 310023 2001-03-01	LOWER MANNVILLE W
0385 310024 2003-12-01	LOWER MANNVILLE X
0385 310025 2005-11-01	LOWER MANNVILLE Y
0385 310026 2005-10-01	LOWER MANNVILLE Z
0385 310027 2005-11-01	LOWER MANNVILLE AA
0385 310028 2005-11-01	LOWER MANNVILLE BB
0385 310029 2006-05-01	LOWER MANNVILLE CC
0385 310031 2006-07-01	LOWER MANNVILLE EE
0385 310032 2007-05-01	LOWER MANNVILLE FF
0385 310033 2007-07-01	LOWER MANNVILLE GG
0385 310034 2008-05-01	LOWER MANNVILLE HH
0385 310035 2008-05-01	LOWER MANNVILLE II
0385 310036 2008-05-01	LOWER MANNVILLE JJ
0385 310037 2008-10-01	LOWER MANNVILLE KK
0385 316001 2014-07-01	OSTRACOD A
0385 316002 2014-07-01	OSTRACOD B
0385 336001 2014-07-01	ELLERSLIE A
0385 336002 2014-07-01	ELLERSLIE B
0385 336003 2014-07-01	ELLERSLIE C
0385 336004 2014-07-01	ELLERSLIE D
0385 336005 2014-07-01	ELLERSLIE E
0385 336006 2014-07-01	ELLERSLIE F
0385 336007 2014-07-01	ELLERSLIE G
0385 336008 2014-07-01	ELLERSLIE H
0385 336009 2014-07-01	ELLERSLIE I

**POOL DESIGNATION (cont'd)**

0385 336010	2014-07-01	ELLERSLIE J
0385 336011	2014-07-01	ELLERSLIE K
0385 336012	2014-07-01	ELLERSLIE L
0385 336013	2014-07-01	ELLERSLIE M
0385 336014	2014-07-01	ELLERSLIE N
0385 336015	2014-07-01	ELLERSLIE O
0385 336016	2014-07-01	ELLERSLIE P
0385 336017	2014-07-01	ELLERSLIE Q
0385 336019	2014-07-01	ELLERSLIE S
0385 336020	2014-07-01	ELLERSLIE T
0385 336021	2014-07-01	ELLERSLIE U
0385 336022	2014-07-01	ELLERSLIE V
0385 336023	2014-07-01	ELLERSLIE W

**COMMINGLED PRODUCTION**

MU 8666      10 Jul 2014

**SUBSURFACE DISPOSAL SCHEMES**

App 9057      28 Mar 2002  
Class II  
Signalta Resources Limited

App 11854A    16 Sep 2014  
Class II  
Muirfield Resources Ltd.

**FIELD DESIGNATION**

0386 2001-02-01 FORSYTH FIELD

**POOL DESIGNATION**

0386 218001 2011-06-01 VIKING A

0386 256001 2001-02-01 COLONY A  
0386 256002 2010-04-01 COLONY B  
0386 256003 2001-02-01 COLONY C  
0386 256005 2001-02-01 COLONY E  
0386 256006 2001-08-01 COLONY F  
0386 256007 2001-02-01 COLONY G  
0386 256008 2001-02-01 COLONY H  
0386 256009 2004-06-01 COLONY I  
0386 256010 2001-02-01 COLONY J  
0386 256011 2001-02-01 COLONY K  
0386 256012 2004-06-01 COLONY L  
0386 256013 2001-02-01 COLONY M  
0386 256014 2003-09-01 COLONY N  
0386 256016 2008-02-01 COLONY P  
0386 256017 2007-07-01 COLONY Q  
0386 256018 2008-02-01 COLONY R

0386 262002 2004-06-01 GRAND RAPIDS B  
0386 262004 2001-02-01 GRAND RAPIDS D  
0386 262006 2010-04-01 GRAND RAPIDS F  
0386 262007 2010-04-01 GRAND RAPIDS G  
0386 262008 2001-02-01 GRAND RAPIDS H  
0386 262009 2001-02-01 GRAND RAPIDS I  
0386 262010 2001-02-01 GRAND RAPIDS J  
0386 262011 2010-04-01 GRAND RAPIDS K  
0386 262012 2001-02-01 GRAND RAPIDS L  
0386 262013 2001-02-01 GRAND RAPIDS M  
0386 262014 2001-02-01 GRAND RAPIDS N  
0386 262016 2005-07-01 GRAND RAPIDS P  
0386 262017 2006-01-01 GRAND RAPIDS Q

**POOL DESIGNATION (cont'd)**

0386 262018	2007-07-01	GRAND RAPIDS R
0386 263301	2001-02-01	GRAND RAPIDS-WASECA A
0386 270001	2015-09-01	WASECA A
0386 280001	2001-02-01	CLEARWATER A
0386 280002	2001-02-01	CLEARWATER B
0386 280003	2001-02-01	CLEARWATER C
0386 280004	2001-02-01	CLEARWATER D
0386 280005	2001-02-01	CLEARWATER E
0386 280006	2004-07-01	CLEARWATER F
0386 328001	2001-02-01	MCMURRAY A

**SPACING PATTERN**

SU 2658      7 Mar 1996

**COMMINGLED PRODUCTION**

MU 7975      25 Jul 2011



**FIELD DESIGNATION**

0388 2005-01-01                      FORT ASSINIBOINE FIELD

**POOL DESIGNATION**

0388 218001 2003-05-01      VIKING A  
0388 218002 2010-04-01      VIKING B  
0388 218003 2011-08-01      VIKING C

0388 336001 2005-01-01      ELLERSLIE A  
0388 336002 2001-02-01      ELLERSLIE B

**SPACING PATTERN**

SU 4256            11 Jan 2005  
SU 4256A          18 Oct 2007

**COMMINGLED PRODUCTION**

MU 2934            25 Apr 2003

**FIELD DESIGNATION**

0387 2014-02-01 FORT KENT FIELD

**POOL DESIGNATION**

0387 202001 2001-02-01 FISH SCALE A

0387 256003 2005-06-01 COLONY C  
0387 256004 2010-04-01 COLONY D  
0387 256006 2014-02-01 COLONY F  
0387 256007 2001-02-01 COLONY G  
0387 256009 2010-04-01 COLONY I  
0387 256010 2010-04-01 COLONY J  
0387 256011 2001-02-01 COLONY K  
0387 256012 2001-02-01 COLONY L  
0387 256014 2004-08-01 COLONY N  
0387 256015 2001-02-01 COLONY O  
0387 256016 2001-02-01 COLONY P  
0387 256017 2001-02-01 COLONY Q  
0387 256018 2001-02-01 COLONY R  
0387 256019 2001-02-01 COLONY S  
0387 256020 2001-03-01 COLONY T  
0387 256021 2002-04-01 COLONY U  
0387 256023 2009-09-01 COLONY W  
0387 256024 2005-02-01 COLONY X  
0387 256025 2005-04-01 COLONY Y  
0387 256026 2005-06-01 COLONY Z  
0387 256027 2005-06-01 COLONY AA  
0387 256028 2005-06-01 COLONY BB  
0387 256029 2005-06-01 COLONY CC  
0387 256030 2010-04-01 COLONY DD  
0387 256031 2005-06-01 COLONY EE  
0387 256032 2009-09-01 COLONY FF  
0387 256033 2014-02-01 COLONY GG  
0387 256034 2014-02-01 COLONY HH  
0387 256035 2014-02-01 COLONY II  
0387 256036 2014-03-01 COLONY JJ

**POOL DESIGNATION (cont'd)**

0387 262001 2005-06-01 GRAND RAPIDS A  
0387 262006 2014-02-01 GRAND RAPIDS F  
0387 262009 2007-06-01 GRAND RAPIDS I  
0387 262011 2001-02-01 GRAND RAPIDS K  
0387 262012 2010-04-01 GRAND RAPIDS L  
0387 262013 2010-04-01 GRAND RAPIDS M  
0387 262014 2001-02-01 GRAND RAPIDS N  
0387 262016 2001-02-01 GRAND RAPIDS P  
0387 262017 2014-02-01 GRAND RAPIDS Q

0387 268001 2005-06-01 MCLAREN A  
0387 268002 2005-07-01 MCLAREN B  
0387 268003 2005-07-01 MCLAREN C  
0387 268004 2007-07-01 MCLAREN D

0387 270001 2010-04-01 WASECA A  
0387 270003 2010-04-01 WASECA C  
0387 270004 2001-02-01 WASECA D  
0387 270005 2001-02-01 WASECA E  
0387 270006 2001-02-01 WASECA F  
0387 270007 2007-07-01 WASECA G

0387 280001 2007-06-01 CLEARWATER A  
0387 280002 2001-02-01 CLEARWATER B  
0387 280003 2001-02-01 CLEARWATER C  
0387 280004 2001-02-01 CLEARWATER D

**SPACING PATTERN**

SU 2618 17 Apr 1996

**MISCELLANEOUS ORDERS**

MISC 6507 27 Aug 1965  
MISC 6507A 26 Nov 1965  
Exempt - Distance requirements  
Heavy Oil

**SUBSURFACE DISPOSAL SCHEMES**

App 9789 17 Mar 2004  
Class II  
Canadian Natural Resources Limited

App 9793 17 Mar 2004  
Class II  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0391 2008-05-01 FORT SASKATCHEWAN FIELD

**POOL DESIGNATION**

0391 134001 2010-04-01 BASAL BELLY RIVER A

0391 218001 2001-02-01 VIKING A

0391 218002 2015-01-01 VIKING B

0391 218003 2007-07-01 VIKING C

0391 250001 2011-06-01 UPPER MANNVILLE A

0391 250002 2001-02-01 UPPER MANNVILLE B

0391 250003 2004-12-01 UPPER MANNVILLE C

0391 250004 2005-02-01 UPPER MANNVILLE D

0391 250005 2005-02-01 UPPER MANNVILLE E

0391 250006 2005-12-01 UPPER MANNVILLE F

0391 250007 2006-04-01 UPPER MANNVILLE G

0391 250008 2007-12-01 UPPER MANNVILLE H

0391 250009 2007-12-01 UPPER MANNVILLE I

0391 250010 2008-10-01 UPPER MANNVILLE J

0391 250011 2011-02-01 UPPER MANNVILLE K

0391 300001 2001-02-01 GLAUCONITIC A

0391 300002 2001-02-01 GLAUCONITIC B

0391 300003 2001-07-01 GLAUCONITIC C

0391 300004 2004-12-01 GLAUCONITIC D

0391 300005 2007-07-01 GLAUCONITIC E

0391 300006 2008-10-01 GLAUCONITIC F

0391 300007 2011-01-01 GLAUCONITIC G

0391 310001 2005-02-01 LOWER MANNVILLE A

0391 310002 2009-04-01 LOWER MANNVILLE B

0391 336001 2001-02-01 ELLERSLIE A

0391 336002 2001-02-01 ELLERSLIE B

0391 336003 2001-02-01 ELLERSLIE C

**POOL DESIGNATION (cont'd)**

0391 336004 2004-12-01 ELLERSLIE D  
0391 336005 2006-08-01 ELLERSLIE E  
0391 336006 2006-09-01 ELLERSLIE F  
0391 336007 2008-11-01 ELLERSLIE G  
  
0391 851800 2010-04-01 MFP8518 U&M VIKING

**SPACING PATTERN**

SU 2659 28 Feb 1996

**COMMINGLED PRODUCTION**

MU 3731 7 Sep 2004

**GAS STORAGE SCHEMES**

App 7217E 9 Aug 2011  
Cavern storage  
Lotsberg  
Dow Chemical Canada ULC

App 7289A 28 May 2009  
Cavern storage  
Lotsberg  
Dow Chemical Canada ULC

App 11456 26 Jul 2010

App 11456H 13 Oct 2017  
Cavern storage  
Lotsberg  
Plains Midstream Canada ULC

App 11561F 17 May 2017  
Cavern mining  
Lotsberg  
Keyera Energy Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 5733B 9 Apr 2015  
Class Ib  
Keyera Energy Ltd.

App 5734B 6 Aug 2015  
Class II  
Plains Midstream Canada ULC

App 8185B 30 Oct 2017  
Class Ia  
Agrium Inc.

App 8317C 5 Aug 2014  
Class Ia  
Dow Chemical Canada ULC

App 8626B 16 Jan 2014  
Class Ia  
Dow Chemical Canada ULC

App 11214A 28 Jan 2009  
Class Ib Disposal  
Dow Chemical Canada ULC.

**FIELD DESIGNATION**

0392 2016-01-01 FORTY MILE FIELD

**POOL DESIGNATION**

0392 164006 2016-01-01 MEDICINE HAT F

0392 186002 2008-12-01 SECOND WHITE SPECKS B  
0392 186003 2016-01-01 SECOND WHITE SPECKS C

0392 202001 2001-02-01 FISH SCALE A  
0392 202002 2010-12-01 FISH SCALE B  
0392 202003 2016-01-01 FISH SCALE C

0392 213001 2001-02-01 BOW ISLAND A  
0392 213004 2001-02-01 BOW ISLAND D  
0392 213005 2010-04-01 BOW ISLAND E  
0392 213006 2010-04-01 BOW ISLAND F  
0392 213007 2011-04-01 BOW ISLAND G  
0392 213008 2014-01-01 BOW ISLAND H  
0392 213009 2016-01-01 BOW ISLAND I  
0392 213010 2016-01-01 BOW ISLAND J  
0392 213011 2016-01-01 BOW ISLAND K  
0392 213012 2016-01-01 BOW ISLAND L  
0392 213013 2016-01-01 BOW ISLAND M

0392 250001 2001-02-01 UPPER MANNVILLE A

0392 310005 2010-04-01 LOWER MANNVILLE E

0392 332001 2016-01-01 SUNBURST A  
0392 332002 2016-01-01 SUNBURST B  
0392 332003 2016-01-01 SUNBURST C  
0392 332004 2016-01-01 SUNBURST D

0392 428001 2011-12-01 SAWTOOTH A  
0392 428002 2016-01-01 SAWTOOTH B

**POOL DESIGNATION (cont'd)**

0392 428003 2016-01-01	SAWTOOTH C
0392 854100 2016-01-01	MFP8541 2WS
0392 856700 2010-12-01	MFP8567 MED HAT

**SPACING PATTERN**

SU 4150	5 Feb 2004
SU 4150A	10 Jun 2004
SU 4150B	2 Feb 2006
SU 4150C	12 Jun 2006
SU 4150D	4 Oct 2007

**FOR TARGET AREAS:**  
Refer to SU 800 listed under  
Southeastern Alberta Area

**FIELD DESIGNATION**

0395 2017-07-01 FOX CREEK FIELD

**POOL DESIGNATION**

0395 192001 2013-03-01 DUNVEGAN A  
0395 192002 2013-09-01 DUNVEGAN B  
0395 192003 2013-09-01 DUNVEGAN C  
0395 192004 2013-07-01 DUNVEGAN D

0395 218001 2010-04-01 VIKING A  
0395 218003 2001-02-01 VIKING C  
0395 218004 2007-06-01 VIKING D  
0395 218005 2003-07-01 VIKING E  
0395 218006 2011-09-01 VIKING F  
0395 218007 2001-02-01 VIKING G  
0395 218008 2001-04-01 VIKING H  
0395 218009 2001-11-01 VIKING I  
0395 218010 2002-03-01 VIKING J  
0395 218011 2002-05-01 VIKING K  
0395 218012 2003-07-01 VIKING L  
0395 218013 2003-03-01 VIKING M  
0395 218014 2010-04-01 VIKING N  
0395 218015 2007-08-01 VIKING O  
0395 218016 2009-01-01 VIKING P

0395 250001 2010-04-01 UPPER MANNVILLE A

0395 264001 2001-02-01 SPIRIT RIVER A  
0395 264002 2001-11-01 SPIRIT RIVER B  
0395 264003 2002-02-01 SPIRIT RIVER C

0395 266001 2010-04-01 NOTIKEWIN A  
0395 266002 2001-02-01 NOTIKEWIN B  
0395 266003 2013-04-01 NOTIKEWIN C  
0395 266004 2001-02-01 NOTIKEWIN D  
0395 266005 2001-05-01 NOTIKEWIN E



**POOL DESIGNATION (cont'd)**

0395 266006 2002-08-01	NOTIKEWIN F
0395 266007 2010-04-01	NOTIKEWIN G
0395 266008 2010-04-01	NOTIKEWIN H
0395 266009 2010-01-01	NOTIKEWIN I
0395 304001 2002-05-01	BLUESKY A
0395 304002 2007-10-01	BLUESKY B
0395 304003 2003-04-01	BLUESKY C
0395 326002 2010-04-01	GETHING B
0395 326003 2010-04-01	GETHING C
0395 326004 2007-07-01	GETHING D
0395 326009 2001-02-01	GETHING I
0395 326015 2001-03-01	GETHING O
0395 326016 2002-03-01	GETHING P
0395 326017 2002-03-01	GETHING Q
0395 326018 2002-02-01	GETHING R
0395 326019 2002-05-01	GETHING S
0395 326020 2011-12-01	GETHING T
0395 326021 2007-02-01	GETHING U
0395 326022 2002-10-01	GETHING V
0395 326023 2003-04-01	GETHING W
0395 326024 2010-04-01	GETHING X
0395 326025 2004-03-01	GETHING Y
0395 326026 2004-08-01	GETHING Z
0395 326027 2004-08-01	GETHING AA
0395 326028 2004-08-01	GETHING BB
0395 326029 2004-10-01	GETHING CC
0395 326030 2004-11-01	GETHING DD
0395 326032 2005-07-01	GETHING FF
0395 326033 2005-12-01	GETHING GG
0395 326034 2007-07-01	GETHING HH
0395 326035 2010-04-01	GETHING II
0395 326036 2008-05-01	GETHING JJ
0395 326037 2009-01-01	GETHING KK
0395 326038 2009-02-01	GETHING LL
0395 326039 2009-06-01	GETHING MM
0395 326040 2010-07-01	GETHING NN

**POOL DESIGNATION (cont'd)**

0395 326041	2010-08-01	GETHING OO
0395 326042	2018-02-01	GETHING PP
0395 524001	2001-02-01	MONTNEY A
0395 524002	2013-07-01	MONTNEY B
0395 524003	2013-08-01	MONTNEY C
0395 524004	2014-06-01	MONTNEY D
0395 524005	2014-03-01	MONTNEY E
0395 644001	2008-02-01	BANFF A
0395 728003	2017-07-01	DUVERNAY C
0395 728004	2015-02-01	DUVERNAY D
0395 728005	2015-02-01	DUVERNAY E
0395 728006	2015-03-01	DUVERNAY F
0395 728007	2015-02-01	DUVERNAY G
0395 728008	2015-02-01	DUVERNAY H
0395 728009	2015-02-01	DUVERNAY I
0395 728010	2015-05-01	DUVERNAY J
0395 728011	2015-02-01	DUVERNAY K
0395 728012	2017-07-01	DUVERNAY L
0395 728013	2017-07-01	DUVERNAY M
0395 728014	2017-07-01	DUVERNAY N
0395 728015	2017-07-01	DUVERNAY O
0395 728016	2017-07-01	DUVERNAY P
0395 728017	2017-07-01	DUVERNAY Q
0395 728018	2017-07-01	DUVERNAY R
0395 744001	2010-04-01	BEAVERHILL LAKE A
0395 744002	2006-05-01	BEAVERHILL LAKE B
0395 744003	2005-08-01	BEAVERHILL LAKE C
0395 851700	2014-10-01	MFP8517 GETHING

**SPACING PATTERN**

SU 4262 28 Jan 2005  
SU 4262A 12 Mar 2005  
SU 4262B 5 Aug 2005  
SU 4262C 18 Nov 2005  
SU 4262D 28 Sep 2007  
SU 4262E 16 Oct 2007

**COMMINGLED PRODUCTION**

MU 8503 3 Jun 2013

**SUBSURFACE DISPOSAL SCHEMES**

App 12115C 30 Jan 2017  
Class II & Ib  
Secure Energy Services Inc.

App 12457 5 Oct 2015  
Class II  
Catapult Environmental Inc.

App 12445B 11 Jan 2016  
Class II & Ib  
XTO Energy Canada ULC

App 12510 18 Apr 2016  
Acid Gas  
Keyera Energy Ltd.

App 12507A 13 Jun 2016  
Class II & Ib  
Catapult Environmental Inc.

**FIELD DESIGNATION**

0401 2010-01-01 FRANCIS FIELD

**POOL DESIGNATION**

0401 262001 2001-02-01 GRAND RAPIDS A  
0401 262002 2001-02-01 GRAND RAPIDS B  
0401 262004 2010-04-01 GRAND RAPIDS D  
0401 262005 2004-05-01 GRAND RAPIDS E  
0401 262007 2007-12-01 GRAND RAPIDS G  
0401 262008 2004-10-01 GRAND RAPIDS H  
0401 262009 2006-05-01 GRAND RAPIDS I  
0401 262010 2007-07-01 GRAND RAPIDS J  
0401 262011 2010-05-01 GRAND RAPIDS K  
0401 262012 2014-06-01 GRAND RAPIDS L  
0401 262013 2014-06-01 GRAND RAPIDS M  
0401 262014 2013-10-01 GRAND RAPIDS N  
0401 262015 2013-03-01 GRAND RAPIDS O  
0401 262016 2014-07-01 GRAND RAPIDS P  
0401 262017 2014-07-01 GRAND RAPIDS Q

0401 328001 2008-02-01 MCMURRAY A  
0401 328002 2009-11-01 MCMURRAY B

0401 350001 2001-02-01 DETRITAL A  
0401 350002 2001-02-01 DETRITAL B

0401 658001 2001-02-01 WABAMUN A  
0401 658002 2001-03-01 WABAMUN B  
0401 658003 2009-02-01 WABAMUN C  
0401 658004 2009-02-01 WABAMUN D

0401 696001 2005-09-01 NISKU A

**COMMINGLED PRODUCTION**

MU 3320 12 Feb 2004

**FIELD DESIGNATION**

1087 2016-06-01                      FRENCH FIELD

**POOL DESIGNATION**

1087 218001 2011-07-01            VIKING A

1087 250001 2004-02-01            UPPER MANNVILLE A  
1087 250002 2004-05-01            UPPER MANNVILLE B  
1087 250003 2004-05-01            UPPER MANNVILLE C  
1087 250004 2006-06-01            UPPER MANNVILLE D  
1087 250005 2006-06-01            UPPER MANNVILLE E  
1087 250006 2011-05-01            UPPER MANNVILLE F  
1087 250007 2011-01-01            UPPER MANNVILLE G  
1087 250008 2017-01-01            UPPER MANNVILLE H

1087 256001 2006-12-01            COLONY A

1087 300001 2001-02-01            GLAUCONITIC A  
1087 300002 2001-03-01            GLAUCONITIC B

1087 336001 2010-04-01            ELLERSLIE A  
1087 336002 2001-02-01            ELLERSLIE B  
1087 336003 2001-02-01            ELLERSLIE C  
1087 336004 2001-02-01            ELLERSLIE D  
1087 336005 2001-02-01            ELLERSLIE E  
1087 336006 2001-02-01            ELLERSLIE F  
1087 336008 2001-02-01            ELLERSLIE H  
1087 336009 2001-02-01            ELLERSLIE I  
1087 336010 2001-03-01            ELLERSLIE J  
1087 336011 2005-10-01            ELLERSLIE K

**SPACING PATTERN**

**COMMINGLED PRODUCTION**

SU 2786            1 Oct 1996  
SU 2786A           6 Oct 1999  
SU 2786B           19 Aug 2004

MU 5643           17 May 2006

**INDEX OF AER ORDERS AND APPROVALS**

**FUR**

**FURNESS FIELD**

**1088**

**March 2018**

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**FIELD DESIGNATION**

1088 2001-02-01 FURNESS FIELD

**POOL DESIGNATION**

1088 300001 2001-03-01 GLAUCONITIC A

1088 336001 2010-07-01 ELLERSLIE A

1088 336002 2001-02-01 ELLERSLIE B

1088 336003 2001-02-01 ELLERSLIE C

1088 336004 2001-02-01 ELLERSLIE D

1088 336005 2001-02-01 ELLERSLIE E

1088 336006 2001-04-01 ELLERSLIE F

1088 336007 2001-09-01 ELLERSLIE G

1088 336008 2005-02-01 ELLERSLIE H